

PAN-LUG™ COMPRESSION CONNECTORS

Panduit® Pan-Lug™ Compression Connectors provide permanent terminations for a variety of power and grounding applications, with innovation, highest reliability, and lowest installed cost. Panduit offers the first and only copper compression lugs and splices that meet Network Equipment-Building Systems (NEBS) Level 3 requirements as tested by Telcordia Technologies. NEBS Level 3 assures that product performance is suitable for equipment applications that demand minimal service interruptions over the life span of the equipment.



- Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the compression connector
- Color-coded to facilitate quick identification of the proper crimping die
- Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications
- UL Listed or Recognized, CSA Certified, ABS Type Approved and tested by Telcordia – meets NEBS Level 3, as noted
- Terminations using Panduit® Pan-Lug™ Compression Connectors are also UL Listed and CSA Certified with specified competitor tools
- Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

Panduit® Pan-Lug™ Compression Connectors are designed for use with many different code and flex conductor types and are available in a broad range of styles and sizes including copper one-hole, two-hole, and blank tongue lugs and splices; aluminum one-hole and two-hole lugs and splices; and copper in-line reducing splices. Panduit offers a wide assortment of Pan-Lug™ Power Connectors to meet customer needs and today's application requirements.

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Bolded features are unique to Panduit.

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Copper Lugs

Color-coded bands for proper die selection and crimp placement

Internally beveled barrel end for easy conductor insertion (types LCCF and LCAF available with flared entry for flex conductor)

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Inspection windows available to assure complete conductor insertion

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Part number, stud size, and conductor size marked on part for easy identification



Flex Lugs

Color-coded bands for proper die selection and crimp placement

Inspection window to assure complete conductor insertion

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Product information marked on part for easy identification

Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive



Narrow Tongue Lugs

Color-coded bands for proper die selection and crimp placement

Inspection window to assure complete conductor insertion

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Narrow tongue width for limited space applications

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Product information marked on part for easy identification



Copper Metric Lugs

Internally beveled barrel ends for easy conductor insertion

Product information marked on part for easy identification

Inspection window to assure complete conductor insertion

Made from 99.9% pure copper for high quality connection and tin-plated to inhibit corrosion



Copper Parallel Splice

Chamfered on both ends for fast and easy conductor insertion

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Largest part marking in the industry – easier to read in low light conditions

Intuitive part numbering for fast and accurate part selection in the field

Industry recognized color-coding for selection



Aluminum Lugs

Easy-to-read die index numbers for Panduit and specified competitor crimping dies for selection

Color-coded end plugs for proper die selection

Part number and conductor size marked on part for easy identification

Made from seamless wrought aluminum and electro tin-plated to inhibit corrosion

Crimping areas marked on part for proper crimp placement

Factory pre-filled with oxide inhibitor to prevent oxidation



Compression connector crimping tools speed installation and reduce total installed cost. See pages D3.31 – D3.94.



Panduit designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements. See pages E1.1 – E2.22.





Heat shrink tubing provides an economical and easy way to insulate, protect, harness and color code electrical and electronic components. See pages C3.22 – C3.44.



Selection Guide – Pan-Lug™ Copper Compression Connectors for Copper Code Conductor



Connector	Barrel Style	Type	Page Number
	Short Barrel with Inspection Window	LCAS	D2.7, D2.8
		LCAS-H 45° bent	D2.9, D2.10
		LCAS-F 90° bent	D2.11, D2.12
	Standard Barrel with Inspection Window	LCA	D2.13, D2.14
		LCA-H 45° bent	D2.15, D2.16
		LCA-F 90° bent	D2.17, D2.18
		LCAN narrow tongue	D2.19, D2.20
	Long Barrel no Inspection Window	LCA-00 blank tongue	D2.21
		LCB	D2.22, D2.23
		LCB-H 45° bent	D2.24, D2.25
	Long Barrel with Inspection Window	LCB-F 90° bent	D2.26, D2.27
		LCBH with corona relief taper	D2.30
LCB-W		D2.28	
LCB-WH 45° bent		D2.29	
	Standard Barrel with Inspection Window	LCB-WF 90° bent	D2.29
		LCD	D2.31, D2.32
		LCD-H 45° bent	D2.33, D2.34
		LCD-F 90° bent	D2.35, D2.36
	Long Barrel no Inspection Window	LCDN narrow tongue	D2.37
		LCDN-H 45° bent narrow tongue	D2.38
		LCDN-F 90° bent narrow tongue	D2.39
		LCD-00 blank tongue	D2.40
	Long Barrel with Inspection Window	LCC	D2.41, D2.42
		LCC-H 45° bent	D2.43, D2.44
		LCC-F 90° bent	D2.45, D2.46
		LCCH with corona relief taper	D2.56
Butt Splices	LCC-00 blank tongue	D2.57	
	LCC-W	D2.47, D2.48, D2.49	
	LCC-WH 45° bent	D2.50, D2.51, D2.52	
	LCC-WF 90° bent	D2.53, D2.54, D2.55	
	LCCN-W narrow tongue	D2.55	
T Splices	LCC-00W blank tongue	D2.58	
	SCSS	D2.59	
	SCS	D2.60	
Parallel Splices	SCL	D2.61	
	SCH with corona relief chamfer	D2.62	
One-Hole Metric Lugs	SCT	D2.63	
	PSC	D2.64	
Two-Hole Metric Lugs	LCMA	D2.107, D2.108	
	LCMD	D2.109, D2.110	
Metric Splices	SCMS	D2.111	

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B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

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Selection Guide – Pan-Lug™ Copper Compression Connectors for Copper Code and/or Flex Conductor



Connector	Barrel Style	Type	Page Number	
 <p>One-Hole Lugs</p>	Standard Barrel with Inspection Window Code and Flex	LCAX	D2.66, D2.67	
		LCAX-H 45° bent	D2.68, D2.69	
		LCAX-F 90° bent	D2.70, D2.71	
		LCAXN narrow tongue	D2.72	
	Standard Barrel with Inspection Window and Flared Entry Flex	LCAF	D2.73, D2.74	
		LCAF-H 45° bent	D2.75, D2.76	
		LCAF-F 90° bent	D2.77, D2.78	
	Long Barrel with Inspection Window Code and Flex	LCBX	D2.79	
		LCBX-H 45° bent	D2.80	
		LCBX-F 90° bent	D2.81	
	 <p>Two-Hole Lugs</p>	Standard Barrel with Inspection Window Code and Flex	LCDX	D2.82, D2.83
			LCDX-H 45° bent	D2.84, D2.85
LCDX-F 90° bent			D2.86, D2.87	
LCDXN narrow tongue			D2.88	
LCDXN-H 45° bent narrow tongue			D2.89	
LCDXN-F 90° bent narrow tongue		D2.89		
Long Barrel no Inspection Window Flared Entry Flex		LCCF	D2.96, D2.97	
		LCCF-H 45° bent	D2.98, D2.99	
		LCCF-F 90° bent	D2.100, D2.101	
Long Barrel with Inspection Window Code and Flex		LCCX	D2.90, D2.91	
		LCCX-H 45° bent	D2.92, D2.93	
		LCCX-F 90° bent	D2.94, D2.95	
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 <p>Butt Splices with Flared Entry for Flex</p>		SCSF	D2.102	
 <p>Reducing Splices with Inspection Window for Code and Flex</p>		RSCK kits with reducing splice and clear heat shrink	D2.103, D2.104	
		RSC reducing splices	D2.105, D2.106	

Selection Guide – Pan-Lug™ Aluminum Compression Connectors for Aluminum or Copper Code Conductor

Connector	Type	Page Number
	One-Hole Lugs	LAA D2.112
	Two-Hole Lugs	LAB D2.113
	Butt Splices	SA D2.115
	Reducing Splices	SAR D2.116
	Bi-Metallic Pin Connectors for Aluminum Conductors Only	BPC D2.117
	Belleville Washers	CW D2.114, D2.155
	Joint Compounds	CMP D2.118, D2.155

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Part Number System for Pan-Lug™ Compression AWG Lugs

LCD

Type

2/0

Conductor
Size

38

Stud Hole
Size

D

Two Stud
Hole Spacing

F

Tongue Angle

X

Standard Package Size

Ex: LCD Lug, Copper
Two-Hole
Standard Barrel

10 = #10
14 = 1/4"
56 = 5/16"
38 = 3/8"
12 = 1/2"
58 = 5/8"
34 = 3/4"
78 = 7/8"
00 = Blank Tongue*

* LCA, LCC
and LCD
styles only

A = .625"
B = .750"
C = .875"
D = 1.0"
E = 1.25"
G = 1.5"
J = .5"
K = 2"
M = 1.375"
P = .688"
Q = 1.125"
No Letter = 1.75"

H = 45° Angle
F = 90° Angle
No Letter = Straight

1 = 1
2 = 2
3 = 3
5 = 5
6 = 6
X = 10
E = 20
Q = 25
L = 50

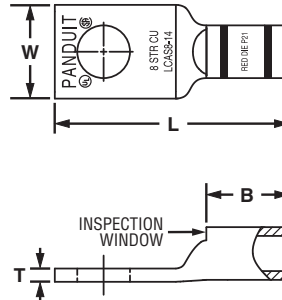


Code Conductor, One-Hole, Short Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCAS

- Short barrel for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS8-10-L	#8 AWG	#10	0.41	0.42	0.08	1.11	Red	P21	49	21	1/2	50
LCAS8-14-L		1/4	0.48	0.42	0.07	1.20	Red	P21	49	21	1/2	50
LCAS8-56-L		5/16	0.56	0.42	0.05	1.32	Red	P21	49	21	1/2	50
LCAS8-38-L		3/8	0.60	0.42	0.05	1.42	Red	P21	49	21	1/2	50
LCAS6-10-L	#6 AWG	#10	0.45	0.48	0.09	1.19	Blue	P24	7	24	9/16	50
LCAS6-14-L		1/4	0.48	0.48	0.08	1.28	Blue	P24	7	24	9/16	50
LCAS6-56-L		5/16	0.56	0.48	0.07	1.40	Blue	P24	7	24	9/16	50
LCAS6-38-L		3/8	0.62	0.48	0.06	1.50	Blue	P24	7	24	9/16	50
LCAS4-10-L	#4 AWG	#10	0.55	0.53	0.09	1.26	Gray	P29	8	29	5/8	50
LCAS4-14-L		1/4	0.55	0.53	0.09	1.35	Gray	P29	8	29	5/8	50
LCAS4-56-L		5/16	0.55	0.53	0.09	1.47	Gray	P29	8	29	5/8	50
LCAS4-38-L		3/8	0.62	0.53	0.07	1.57	Gray	P29	8	29	5/8	50
LCAS2-14-Q	#2 AWG	1/4	0.60	0.57	0.10	1.46	Brown	P33	10	33	5/8	25
LCAS2-56-Q		5/16	0.66	0.57	0.10	1.58	Brown	P33	10	33	5/8	25
LCAS2-38-Q		3/8	0.66	0.57	0.10	1.66	Brown	P33	10	33	5/8	25
LCAS2-12-Q		1/2	0.75	0.57	0.08	1.89	Brown	P33	10	33	5/8	25
LCAS1-14-E	#1 AWG	1/4	0.70	0.59	0.11	1.50	Green	P37	11	37	11/16	20
LCAS1-56-E		5/16	0.70	0.59	0.11	1.63	Green	P37	11	37	11/16	20
LCAS1-38-E		3/8	0.70	0.59	0.11	1.70	Green	P37	11	37	11/16	20
LCAS1-12-E		1/2	0.75	0.59	0.09	1.94	Green	P37	11	37	11/16	20
LCAS1/0-14-X	1/0 AWG	1/4	0.76	0.66	0.12	1.67	Pink	P42	12	42	3/4	10
LCAS1/0-56-X		5/16	0.76	0.66	0.12	1.72	Pink	P42	12	42	3/4	10
LCAS1/0-38-X		3/8	0.76	0.66	0.12	1.80	Pink	P42	12	42	3/4	10
LCAS1/0-12-X		1/2	0.80	0.66	0.12	2.03	Pink	P42	12	42	3/4	10
LCAS2/0-14-X	2/0 AWG	1/4	0.85	0.72	0.13	1.82	Black	P45	13	45	3/4	10
LCAS2/0-56-X		5/16	0.85	0.72	0.13	1.82	Black	P45	13	45	3/4	10
LCAS2/0-38-X		3/8	0.85	0.72	0.13	1.89	Black	P45	13	45	3/4	10
LCAS2/0-12-X		1/2	0.85	0.72	0.13	2.14	Black	P45	13	45	3/4	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.8



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Code Conductor, One-Hole, Short Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14-X	3/0 AWG	1/4	0.96	0.83	0.13	1.97	Orange	P50	14	50	7/8	10
LCAS3/0-56-X		5/16	0.96	0.83	0.13	1.97	Orange	P50	14	50	7/8	10
LCAS3/0-38-X		3/8	0.96	0.83	0.13	2.03	Orange	P50	14	50	7/8	10
LCAS3/0-12-X		1/2	0.96	0.83	0.13	2.28	Orange	P50	14	50	7/8	10
LCAS4/0-14-X	4/0 AWG	1/4	1.06	0.91	0.14	2.08	Purple	P54	15	54	1	10
LCAS4/0-56-X		5/16	1.06	0.91	0.14	2.10	Purple	P54	15	54	1	10
LCAS4/0-38-X		3/8	1.06	0.91	0.14	2.17	Purple	P54	15	54	1	10
LCAS4/0-12-X		1/2	1.06	0.91	0.14	2.40	Purple	P54	15	54	1	10
LCAS250-14-X	250 kcmil	1/4	1.17	1.03	0.14	2.25	Yellow	P62	16	62	1 1/8	10
LCAS250-56-X		5/16	1.17	1.03	0.14	2.25	Yellow	P62	16	62	1 1/8	10
LCAS250-38-X		3/8	1.17	1.03	0.14	2.32	Yellow	P62	16	62	1 1/8	10
LCAS250-12-X		1/2	1.17	1.03	0.14	2.56	Yellow	P62	16	62	1 1/8	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





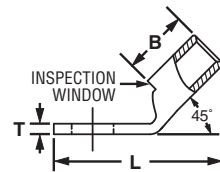
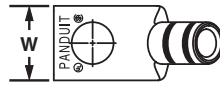
Code Conductor, One-Hole, Short Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCAS-H

- Short barrel for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS8-10H-L	#8 AWG	#10	0.41	0.42	0.08	1.00	Red	P21	49	21	1/2	50
LCAS8-14H-L		1/4	0.48	0.42	0.07	1.09	Red	P21	49	21	1/2	50
LCAS8-56H-L		5/16	0.56	0.42	0.05	1.20	Red	P21	49	21	1/2	50
LCAS8-38H-L		3/8	0.60	0.42	0.05	1.30	Red	P21	49	21	1/2	50
LCAS6-10H-L	#6 AWG	#10	0.45	0.48	0.09	1.06	Blue	P24	7	24	9/16	50
LCAS6-14H-L		1/4	0.48	0.48	0.08	1.14	Blue	P24	7	24	9/16	50
LCAS6-56H-L		5/16	0.56	0.48	0.07	1.26	Blue	P24	7	24	9/16	50
LCAS6-38H-L		3/8	0.62	0.48	0.06	1.35	Blue	P24	7	24	9/16	50
LCAS4-10H-L	#4 AWG	#10	0.55	0.53	0.09	1.12	Gray	P29	8	29	5/8	50
LCAS4-14H-L		1/4	0.55	0.53	0.09	1.21	Gray	P29	8	29	5/8	50
LCAS4-56H-L		5/16	0.55	0.53	0.09	1.33	Gray	P29	8	29	5/8	50
LCAS4-38H-L		3/8	0.62	0.53	0.07	1.42	Gray	P29	8	29	5/8	50
LCAS2-14H-Q	#2 AWG	1/4	0.60	0.57	0.10	1.27	Brown	P33	10	33	5/8	25
LCAS2-56H-Q		5/16	0.66	0.57	0.10	1.39	Brown	P33	10	33	5/8	25
LCAS2-38H-Q		3/8	0.66	0.57	0.10	1.46	Brown	P33	10	33	5/8	25
LCAS2-12H-Q		1/2	0.75	0.57	0.08	1.68	Brown	P33	10	33	5/8	25
LCAS1-14H-E	#1 AWG	1/4	0.70	0.59	0.11	1.29	Green	P37	11	37	11/16	20
LCAS1-56H-E		5/16	0.70	0.59	0.11	1.42	Green	P37	11	37	11/16	20
LCAS1-38H-E		3/8	0.70	0.59	0.11	1.49	Green	P37	11	37	11/16	20
LCAS1-12H-E		1/2	0.75	0.59	0.09	1.73	Green	P37	11	37	11/16	20
LCAS1/0-14H-X	1/0 AWG	1/4	0.76	0.66	0.12	1.43	Pink	P42	12	42	3/4	10
LCAS1/0-56H-X		5/16	0.76	0.66	0.12	1.49	Pink	P42	12	42	3/4	10
LCAS1/0-38H-X		3/8	0.76	0.66	0.12	1.56	Pink	P42	12	42	3/4	10
LCAS1/0-12H-X		1/2	0.80	0.66	0.12	1.79	Pink	P42	12	42	3/4	10
LCAS2/0-14H-X	2/0 AWG	1/4	0.85	0.72	0.13	1.58	Black	P45	13	45	3/4	10
LCAS2/0-56H-X		5/16	0.85	0.72	0.13	1.58	Black	P45	13	45	3/4	10
LCAS2/0-38H-X		3/8	0.85	0.72	0.13	1.64	Black	P45	13	45	3/4	10
LCAS2/0-12H-X		1/2	0.85	0.72	0.13	1.89	Black	P45	13	45	3/4	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.10



A.
System
Overview

B1.
Cable Ties



Code Conductor, One-Hole, Short Barrel with Window Lug, 45° Angle (continued)

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14H-X	3/0 AWG	1/4	0.96	0.83	0.13	1.68	Orange	P50	14	50	7/8	10
LCAS3/0-56H-X		5/16	0.96	0.83	0.13	1.68	Orange	P50	14	50	7/8	10
LCAS3/0-38H-X		3/8	0.96	0.83	0.13	1.74	Orange	P50	14	50	7/8	10
LCAS3/0-12H-X		1/2	0.96	0.83	0.13	1.99	Orange	P50	14	50	7/8	10
LCAS4/0-14H-X	4/0 AWG	1/4	1.06	0.91	0.14	1.77	Purple	P54	15	54	1	10
LCAS4/0-56H-X		5/16	1.06	0.91	0.14	1.78	Purple	P54	15	54	1	10
LCAS4/0-38H-X		3/8	1.06	0.91	0.14	1.85	Purple	P54	15	54	1	10
LCAS4/0-12H-X		1/2	1.06	0.91	0.14	2.08	Purple	P54	15	54	1	10
LCAS250-14H-X	250 kcmil	1/4	1.17	1.03	0.14	1.89	Yellow	P62	16	62	1 1/8	10
LCAS250-56H-X		5/16	1.17	1.03	0.14	1.90	Yellow	P62	16	62	1 1/8	10
LCAS250-38H-X		3/8	1.17	1.03	0.14	1.97	Yellow	P62	16	62	1 1/8	10
LCAS250-12H-X		1/2	1.17	1.03	0.14	2.20	Yellow	P62	16	62	1 1/8	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





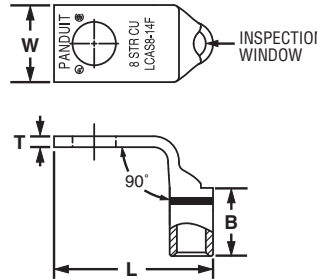
Code Conductor, One-Hole, Short Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCAS-F

- Short barrel for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS8-10F-L	#8 AWG	#10	0.41	0.42	0.08	0.90	Red	P21	49	21	1/2	50
LCAS8-14F-L		1/4	0.48	0.42	0.07	0.99	Red	P21	49	21	1/2	50
LCAS8-56F-L		5/16	0.56	0.42	0.05	1.11	Red	P21	49	21	1/2	50
LCAS8-38F-L		3/8	0.60	0.42	0.05	1.21	Red	P21	49	21	1/2	50
LCAS6-10F-L	#6 AWG	#10	0.45	0.48	0.09	0.94	Blue	P24	7	24	9/16	50
LCAS6-14F-L		1/4	0.48	0.48	0.08	1.03	Blue	P24	7	24	9/16	50
LCAS6-56F-L		5/16	0.56	0.48	0.07	1.15	Blue	P24	7	24	9/16	50
LCAS6-38F-L		3/8	0.62	0.48	0.06	1.25	Blue	P24	7	24	9/16	50
LCAS4-10F-L	#4 AWG	#10	0.55	0.53	0.09	1.03	Gray	P29	8	29	5/8	50
LCAS4-14F-L		1/4	0.55	0.53	0.09	1.12	Gray	P29	8	29	5/8	50
LCAS4-56F-L		5/16	0.55	0.53	0.09	1.24	Gray	P29	8	29	5/8	50
LCAS4-38F-L		3/8	0.62	0.53	0.07	1.34	Gray	P29	8	29	5/8	50
LCAS2-14F-Q	#2 AWG	1/4	0.60	0.57	0.10	1.24	Brown	P33	10	33	5/8	25
LCAS2-56F-Q		5/16	0.66	0.57	0.10	1.36	Brown	P33	10	33	5/8	25
LCAS2-38F-Q		3/8	0.66	0.57	0.10	1.44	Brown	P33	10	33	5/8	25
LCAS2-12F-Q		1/2	0.75	0.57	0.08	1.67	Brown	P33	10	33	5/8	25
LCAS1-14F-E	#1 AWG	1/4	0.70	0.59	0.11	1.31	Green	P37	11	37	11/16	20
LCAS1-56F-E		5/16	0.70	0.59	0.11	1.44	Green	P37	11	37	11/16	20
LCAS1-38F-E		3/8	0.70	0.59	0.11	1.51	Green	P37	11	37	11/16	20
LCAS1-12F-E		1/2	0.75	0.59	0.09	1.75	Green	P37	11	37	11/16	20
LCAS1/0-14F-X	1/0 AWG	1/4	0.76	0.66	0.12	1.45	Pink	P42	12	42	3/4	10
LCAS1/0-56F-X		5/16	0.76	0.66	0.12	1.51	Pink	P42	12	42	3/4	10
LCAS1/0-38F-X		3/8	0.76	0.66	0.12	1.58	Pink	P42	12	42	3/4	10
LCAS1/0-12F-X		1/2	0.80	0.66	0.12	1.82	Pink	P42	12	42	3/4	10
LCAS2/0-14F-X	2/0 AWG	1/4	0.85	0.72	0.13	1.59	Black	P45	13	45	3/4	10
LCAS2/0-56F-X		5/16	0.85	0.72	0.13	1.59	Black	P45	13	45	3/4	10
LCAS2/0-38F-X		3/8	0.85	0.72	0.13	1.66	Black	P45	13	45	3/4	10
LCAS2/0-12F-X		1/2	0.85	0.72	0.13	1.91	Black	P45	13	45	3/4	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.12



A.
System
Overview

B1.
Cable Ties



Code Conductor, One-Hole, Short Barrel with Window Lug, 90° Angle (continued)

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14F-X	3/0 AWG	1/4	0.96	0.83	0.13	1.67	Orange	P50	14	50	7/8	10
LCAS3/0-56F-X		5/16	0.96	0.83	0.13	1.67	Orange	P50	14	50	7/8	10
LCAS3/0-38F-X		3/8	0.96	0.83	0.13	1.73	Orange	P50	14	50	7/8	10
LCAS3/0-12F-X		1/2	0.96	0.83	0.13	1.98	Orange	P50	14	50	7/8	10
LCAS4/0-14F-X	4/0 AWG	1/4	1.06	0.91	0.14	1.75	Purple	P54	15	54	1	10
LCAS4/0-56F-X		5/16	1.06	0.91	0.14	1.77	Purple	P54	15	54	1	10
LCAS4/0-38F-X		3/8	1.06	0.91	0.14	1.84	Purple	P54	15	54	1	10
LCAS4/0-12F-X		1/2	1.06	0.91	0.14	2.07	Purple	P54	15	54	1	10
LCAS250-14F-X	250 kcmil	1/4	1.17	1.03	0.14	1.82	Yellow	P62	16	62	1 1/8	10
LCAS250-56F-X		5/16	1.17	1.03	0.14	1.83	Yellow	P62	16	62	1 1/8	10
LCAS250-38F-X		3/8	1.17	1.03	0.14	1.90	Yellow	P62	16	62	1 1/8	10
LCAS250-12F-X		1/2	1.17	1.03	0.14	2.13	Yellow	P62	16	62	1 1/8	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



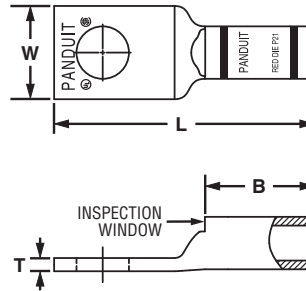


Code Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCA

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA10-10-L*		#10	0.38	0.38	0.06	1.07	—	—	—	—	7/16	50
LCA10-14-L*		1/4	0.42	0.38	0.05	1.16	—	—	—	—	7/16	50
LCA10-56-L*		5/16	0.54	0.38	0.04	1.28	—	—	—	—	7/16	50
LCA10-38-L*		3/8	0.56	0.38	0.04	1.38	—	—	—	—	7/16	50
LCA8-10-L	#8 AWG	#10	0.41	0.56	0.08	1.25	Red	P21	49	21	5/8	50
LCA8-14-L		1/4	0.48	0.56	0.07	1.34	Red	P21	49	21	5/8	50
LCA8-56-L		5/16	0.56	0.56	0.05	1.46	Red	P21	49	21	5/8	50
LCA8-38-L		3/8	0.60	0.56	0.05	1.56	Red	P21	49	21	5/8	50
LCA6-10-L	#6 AWG	#10	0.45	0.81	0.09	1.52	Blue	P24	7	24	7/8	50
LCA6-14-L		1/4	0.48	0.81	0.08	1.61	Blue	P24	7	24	7/8	50
LCA6-56-L		5/16	0.56	0.81	0.07	1.73	Blue	P24	7	24	7/8	50
LCA6-38-L		3/8	0.62	0.81	0.06	1.83	Blue	P24	7	24	7/8	50
LCA6-12-L		1/2	0.75	0.81	0.07	2.23	Blue	P24	7	24	7/8	50
LCA4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	0.81	0.09	1.54	Gray	P29	8	29	7/8	50
LCA4-14-L		1/4	0.55	0.81	0.09	1.63	Gray	P29	8	29	7/8	50
LCA4-56-L		5/16	0.55	0.81	0.09	1.75	Gray	P29	8	29	7/8	50
LCA4-38-L		3/8	0.62	0.81	0.07	1.85	Gray	P29	8	29	7/8	50
LCA4-12-L		1/2	0.75	0.81	0.07	2.23	Gray	P29	8	29	7/8	50
LCA2-14-Q	#2 AWG	1/4	0.60	0.88	0.10	1.77	Brown	P33	10	33	15/16	25
LCA2-56-Q		5/16	0.66	0.88	0.10	1.90	Brown	P33	10	33	15/16	25
LCA2-38-Q		3/8	0.66	0.88	0.10	1.97	Brown	P33	10	33	15/16	25
LCA2-12-Q		1/2	0.75	0.88	0.08	2.21	Brown	P33	10	33	15/16	25
LCA1-14-E	#1 AWG	1/4	0.70	0.88	0.11	1.79	Green	P37	11	37	15/16	20
LCA1-56-E		5/16	0.70	0.88	0.11	1.92	Green	P37	11	37	15/16	20
LCA1-38-E		3/8	0.70	0.88	0.11	1.99	Green	P37	11	37	15/16	20
LCA1-12-E		1/2	0.75	0.88	0.09	2.23	Green	P37	11	37	15/16	20

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.14



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1/0-14-X	1/0 AWG	1/4	0.76	0.94	0.12	1.95	Pink	P42	12	42	1	10
LCA1/0-56-X		5/16	0.76	0.94	0.12	2.00	Pink	P42	12	42	1	10
LCA1/0-38-X		3/8	0.76	0.94	0.12	2.08	Pink	P42	12	42	1	10
LCA1/0-12-X	2/0 AWG	1/2	0.80	0.94	0.12	2.31	Pink	P42	12	42	1	10
LCA2/0-14-X		1/4	0.85	0.98	0.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-56-X		5/16	0.85	0.98	0.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-38-X	3/0 AWG	3/8	0.85	0.98	0.13	2.15	Black	P45	13	45	1 1/16	10
LCA2/0-12-X		1/2	0.85	0.98	0.13	2.40	Black	P45	13	45	1 1/16	10
LCA3/0-14-X		1/4	0.96	1.14	0.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-56-X	4/0 AWG	5/16	0.96	1.14	0.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-38-X		3/8	0.96	1.14	0.13	2.34	Orange	P50	14	50	1 3/16	10
LCA3/0-12-X		1/2	0.96	1.14	0.13	2.59	Orange	P50	14	50	1 3/16	10
LCA4/0-14-X	250 kcmil	1/4	1.06	1.19	0.14	2.36	Purple	P54	15	54	1 1/4	10
LCA4/0-56-X		5/16	1.06	1.19	0.14	2.38	Purple	P54	15	54	1 1/4	10
LCA4/0-38-X		3/8	1.06	1.19	0.14	2.45	Purple	P54	15	54	1 1/4	10
LCA4/0-12-X	300 kcmil	1/2	1.06	1.19	0.14	2.68	Purple	P54	15	54	1 1/4	10
LCA250-14-X		1/4	1.17	1.25	0.14	2.47	Yellow	P62	16	62	1 5/16	10
LCA250-56-X		5/16	1.17	1.25	0.14	2.48	Yellow	P62	16	62	1 5/16	10
LCA250-38-X	350 kcmil	3/8	1.17	1.25	0.14	2.55	Yellow	P62	16	62	1 5/16	10
LCA250-12-X		1/2	1.17	1.25	0.14	2.78	Yellow	P62	16	62	1 5/16	10
LCA300-56-X		5/16	1.19	1.44	0.16	2.94	White	P66	17	66	1 1/2	10
LCA300-38-X	400 kcmil	3/8	1.19	1.44	0.16	2.94	White	P66	17	66	1 1/2	10
LCA300-12-X		1/2	1.19	1.44	0.16	3.05	White	P66	17	66	1 1/2	10
LCA300-58-X		5/8	1.19	1.44	0.16	3.26	White	P66	17	66	1 1/2	10
LCA300-78-X	500 kcmil	7/8	1.19	1.44	0.16	3.70	White	P66	17	66	1 1/2	10
LCA350-38-X		3/8	1.28	1.44	0.17	2.98	Red	P71	18	71	1 1/2	10
LCA350-12-X		1/2	1.28	1.44	0.17	3.09	Red	P71	18	71	1 1/2	10
LCA350-58-X	600 kcmil	5/8	1.28	1.44	0.17	3.30	Red	P71	18	71	1 1/2	10
LCA350-78-X		7/8	1.28	1.44	0.17	3.74	Red	P71	18	71	1 1/2	10
LCA400-38-6		3/8	1.39	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-12-6	750 kcmil	1/2	1.39	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-58-6		5/8	1.39	1.50	0.18	3.43	Blue	P76	19	76	1 9/16	6
LCA400-78-6		7/8	1.39	1.50	0.18	3.82	Blue	P76	19	76	1 9/16	6
LCA500-38-6	1 1/2	3/8	1.54	1.75	0.22	3.39	Brown	P87	20	87	1 13/16	6
LCA500-12-6		1/2	1.54	1.75	0.22	3.55	Brown	P87	20	87	1 13/16	6
LCA500-58-6		5/8	1.54	1.75	0.22	3.76	Brown	P87	20	87	1 13/16	6
LCA500-34-6	2	3/4	1.54	1.75	0.22	3.90	Brown	P87	20	87	1 13/16	6
LCA500-78-6		7/8	1.54	1.75	0.22	4.15	Brown	P87	20	87	1 13/16	6
LCA500-1-6		1	1.54	1.75	0.22	4.27	Brown	P87	20	87	1 13/16	6
LCA600-12-6	3	1/2	1.70	1.75	0.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-58-6		5/8	1.70	1.75	0.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-78-6		7/8	1.70	1.75	0.26	4.20	Green	P94	22	94	1 13/16	6
LCA750-58-6	4	5/8	1.89	1.88	0.26	4.59	Black	P106	24	106	1 15/16	6

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



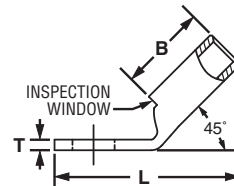
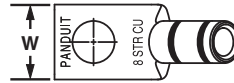


Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCA-H

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA10-14H-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.38	0.05	1.05	—	—	—	—	7/16	50
LCA8-10H-L	#8 AWG	#10	0.41	0.56	0.08	1.10	Red	P21	49	21	5/8	50
LCA8-14H-L		1/4	0.48	0.56	0.07	1.19	Red	P21	49	21	5/8	50
LCA8-56H-L		5/16	0.56	0.56	0.05	1.30	Red	P21	49	21	5/8	50
LCA8-38H-L		3/8	0.60	0.56	0.05	1.40	Red	P21	49	21	5/8	50
LCA6-10H-L	#6 AWG	#10	0.45	0.81	0.09	1.29	Blue	P24	7	24	7/8	50
LCA6-14H-L		1/4	0.48	0.81	0.08	1.38	Blue	P24	7	24	7/8	50
LCA6-56H-L		5/16	0.56	0.81	0.07	1.49	Blue	P24	7	24	7/8	50
LCA6-38H-L		3/8	0.62	0.81	0.06	1.59	Blue	P24	7	24	7/8	50
LCA4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	0.81	0.09	1.31	Gray	P29	8	29	7/8	50
LCA4-14H-L		1/4	0.55	0.81	0.09	1.40	Gray	P29	8	29	7/8	50
LCA4-56H-L		5/16	0.55	0.81	0.09	1.52	Gray	P29	8	29	7/8	50
LCA4-38H-L		3/8	0.62	0.81	0.07	1.61	Gray	P29	8	29	7/8	50
LCA2-14H-Q	#2 AWG	1/4	0.60	0.88	0.10	1.49	Brown	P33	10	33	15/16	25
LCA2-56H-Q		5/16	0.66	0.88	0.10	1.61	Brown	P33	10	33	15/16	25
LCA2-38H-Q		3/8	0.66	0.88	0.10	1.68	Brown	P33	10	33	15/16	25
LCA2-12H-Q		1/2	0.75	0.88	0.08	1.90	Brown	P33	10	33	15/16	25

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.16



A. System Overview



Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

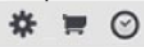
F. Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1-14H-E	#1 AWG	1/4	0.70	0.88	0.11	1.50	Green	P37	11	37	15/16	20
LCA1-56H-E		5/16	0.70	0.88	0.11	1.62	Green	P37	11	37	15/16	20
LCA1-38H-E		3/8	0.70	0.88	0.11	1.70	Green	P37	11	37	15/16	20
LCA1-12H-E		1/2	0.75	0.88	0.09	1.93	Green	P37	11	37	15/16	20
LCA1/0-14H-X	1/0 AWG	1/4	0.76	0.94	0.12	1.63	Pink	P42	12	42	1	10
LCA1/0-56H-X		5/16	0.76	0.94	0.12	1.69	Pink	P42	12	42	1	10
LCA1/0-38H-X		3/8	0.76	0.94	0.12	1.76	Pink	P42	12	42	1	10
LCA1/0-12H-X		1/2	0.80	0.94	0.12	1.99	Pink	P42	12	42	1	10
LCA2/0-14H-X	2/0 AWG	1/4	0.85	0.98	0.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-56H-X		5/16	0.85	0.98	0.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-38H-X		3/8	0.85	0.98	0.13	1.83	Black	P45	13	45	1 1/16	10
LCA2/0-12H-X		1/2	0.85	0.98	0.13	2.08	Black	P45	13	45	1 1/16	10
LCA2/0-34H-X	3/0 AWG	3/4	1.06	0.98	0.09	2.66	Black	P45	13	45	1 1/16	10
LCA3/0-14H-X		1/4	0.96	1.14	0.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-56H-X		5/16	0.96	1.14	0.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-38H-X		3/8	0.96	1.14	0.13	1.96	Orange	P50	14	50	1 3/16	10
LCA3/0-12H-X	4/0 AWG	1/2	0.96	1.14	0.13	2.21	Orange	P50	14	50	1 3/16	10
LCA4/0-14H-X		1/4	1.06	1.19	0.14	1.97	Purple	P54	15	54	1 1/4	10
LCA4/0-56H-X		5/16	1.06	1.19	0.14	1.98	Purple	P54	15	54	1 1/4	10
LCA4/0-38H-X		3/8	1.06	1.19	0.14	2.05	Purple	P54	15	54	1 1/4	10
LCA4/0-12H-X	250 kcmil	1/2	1.06	1.19	0.14	2.28	Purple	P54	15	54	1 1/4	10
LCA250-14H-X		1/4	1.17	1.25	0.14	2.05	Yellow	P62	16	62	1 5/16	10
LCA250-56H-X		5/16	1.17	1.25	0.14	2.06	Yellow	P62	16	62	1 5/16	10
LCA250-38H-X		3/8	1.17	1.25	0.14	2.13	Yellow	P62	16	62	1 5/16	10
LCA250-12H-X	300 kcmil	1/2	1.17	1.25	0.14	2.36	Yellow	P62	16	62	1 5/16	10
LCA300-56H-X		5/16	1.19	1.44	0.16	2.55	White	P66	17	66	1 1/2	10
LCA300-38H-X		3/8	1.19	1.44	0.16	2.55	White	P66	17	66	1 1/2	10
LCA300-12H-X		1/2	1.19	1.44	0.16	2.66	White	P66	17	66	1 1/2	10
LCA300-58H-X	350 kcmil	5/8	1.19	1.44	0.16	2.87	White	P66	17	66	1 1/2	10
LCA300-78H-X		7/8	1.19	1.44	0.16	3.31	White	P66	17	66	1 1/2	10
LCA350-38H-X		3/8	1.28	1.44	0.17	2.59	Red	P71	18	71	1 1/2	10
LCA350-12H-X		1/2	1.28	1.44	0.17	2.70	Red	P71	18	71	1 1/2	10
LCA350-58H-X	400 kcmil	5/8	1.28	1.44	0.17	2.91	Red	P71	18	71	1 1/2	10
LCA350-78H-X		7/8	1.28	1.44	0.17	3.35	Red	P71	18	71	1 1/2	10
LCA400-38H-6		3/8	1.39	1.50	0.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-12H-6		1/2	1.39	1.50	0.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-58H-6	500 kcmil	5/8	1.39	1.50	0.18	3.06	Blue	P76	19	76	1 9/16	6
LCA400-78H-6		7/8	1.39	1.50	0.18	3.45	Blue	P76	19	76	1 9/16	6
LCA500-38H-6		3/8	1.54	1.75	0.22	2.94	Brown	P87	20	87	1 13/16	6
LCA500-12H-6		1/2	1.54	1.75	0.22	3.10	Brown	P87	20	87	1 13/16	6
LCA500-58H-6	600 kcmil	5/8	1.54	1.75	0.22	3.31	Brown	P87	20	87	1 13/16	6
LCA500-34H-6		3/4	1.54	1.75	0.22	3.45	Brown	P87	20	87	1 13/16	6
LCA500-78H-6		7/8	1.54	1.75	0.22	3.70	Brown	P87	20	87	1 13/16	6
LCA500-1H-6		1	1.54	1.75	0.22	3.82	Brown	P87	20	87	1 13/16	6
LCA600-12H-6	600 kcmil	1/2	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-58H-6		5/8	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-78H-6		7/8	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





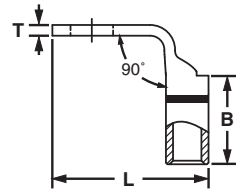
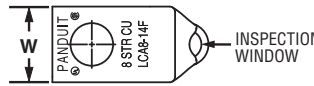
Code Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCA-F

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA10-14F-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.38	0.05	0.94	—	—	—	—	7/16	50
LCA8-10F-L	#8 AWG	#10	0.41	0.56	0.08	0.90	Red	P21	49	21	5/8	50
LCA8-14F-L		1/4	0.48	0.56	0.07	0.99	Red	P21	49	21	5/8	50
LCA8-56F-L		5/16	0.56	0.56	0.05	1.11	Red	P21	49	21	5/8	50
LCA8-38F-L		3/8	0.60	0.56	0.05	1.21	Red	P21	49	21	5/8	50
LCA6-10F-L	#6 AWG	#10	0.45	0.81	0.09	0.94	Blue	P24	7	24	7/8	50
LCA6-14F-L		1/4	0.48	0.81	0.08	1.03	Blue	P24	7	24	7/8	50
LCA6-56F-L		5/16	0.56	0.81	0.07	1.15	Blue	P24	7	24	7/8	50
LCA6-38F-L		3/8	0.62	0.81	0.06	1.25	Blue	P24	7	24	7/8	50
LCA4-10F-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	0.81	0.09	1.03	Gray	P29	8	29	7/8	50
LCA4-14F-L		1/4	0.55	0.81	0.09	1.12	Gray	P29	8	29	7/8	50
LCA4-56F-L		5/16	0.55	0.81	0.09	1.24	Gray	P29	8	29	7/8	50
LCA4-38F-L		3/8	0.62	0.81	0.07	1.34	Gray	P29	8	29	7/8	50
LCA4-12F-L	#2 AWG	1/2	0.75	0.81	0.07	1.59	Gray	P29	8	29	7/8	50
LCA2-14F-Q		1/4	0.60	0.88	0.10	1.24	Brown	P33	10	33	15/16	25
LCA2-56F-Q		5/16	0.66	0.88	0.10	1.36	Brown	P33	10	33	15/16	25
LCA2-38F-Q		3/8	0.66	0.88	0.10	1.44	Brown	P33	10	33	15/16	25
LCA2-12F-Q	1/2	0.75	0.88	0.08	1.67	Brown	P33	10	33	15/16	25	

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.18





Code Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1-14F-E	#1 AWG	1/4	0.70	0.88	0.11	1.31	Green	P37	11	37	15/16	20
LCA1-56F-E		5/16	0.70	0.88	0.11	1.44	Green	P37	11	37	15/16	20
LCA1-38F-E		3/8	0.70	0.88	0.11	1.51	Green	P37	11	37	15/16	20
LCA1-12F-E		1/2	0.75	0.88	0.09	1.75	Green	P37	11	37	15/16	20
LCA1/0-14F-X	1/0 AWG	1/4	0.76	0.94	0.12	1.45	Pink	P42	12	42	1	10
LCA1/0-56F-X		5/16	0.76	0.94	0.12	1.51	Pink	P42	12	42	1	10
LCA1/0-38F-X		3/8	0.76	0.94	0.12	1.58	Pink	P42	12	42	1	10
LCA1/0-12F-X		1/2	0.80	0.94	0.12	1.82	Pink	P42	12	42	1	10
LCA2/0-14F-X	2/0 AWG	1/4	0.85	0.98	0.13	1.61	Black	P45	13	45	1 1/16	10
LCA2/0-56F-X		5/16	0.85	0.98	0.13	1.59	Black	P45	13	45	1 1/16	10
LCA2/0-38F-X		3/8	0.85	0.98	0.13	1.66	Black	P45	13	45	1 1/16	10
LCA2/0-12F-X		1/2	0.85	0.98	0.13	1.91	Black	P45	13	45	1 1/16	10
LCA3/0-14F-X	3/0 AWG	1/4	0.96	1.14	0.13	1.67	Orange	P50	14	50	1 3/16	10
LCA3/0-56F-X		5/16	0.96	1.14	0.13	1.67	Orange	P50	14	50	1 3/16	10
LCA3/0-38F-X		3/8	0.96	1.14	0.13	1.73	Orange	P50	14	50	1 3/16	10
LCA3/0-12F-X		1/2	0.96	1.14	0.13	1.98	Orange	P50	14	50	1 3/16	10
LCA4/0-14F-X	4/0 AWG	1/4	1.06	1.19	0.14	1.75	Purple	P54	15	54	1 1/4	10
LCA4/0-56F-X		5/16	1.06	1.19	0.14	1.77	Purple	P54	15	54	1 1/4	10
LCA4/0-38F-X		3/8	1.06	1.19	0.14	1.84	Purple	P54	15	54	1 1/4	10
LCA4/0-12F-X		1/2	1.06	1.19	0.14	2.07	Purple	P54	15	54	1 1/4	10
LCA250-14F-X	250 kcmil	1/4	1.17	1.25	0.14	1.82	Yellow	P62	16	62	1 5/16	10
LCA250-56F-X		5/16	1.17	1.25	0.14	1.83	Yellow	P62	16	62	1 5/16	10
LCA250-38F-X		3/8	1.17	1.25	0.14	1.90	Yellow	P62	16	62	1 5/16	10
LCA250-12F-X		1/2	1.17	1.25	0.14	2.13	Yellow	P62	16	62	1 5/16	10
LCA300-56F-X	300 kcmil	5/16	1.19	1.44	0.16	2.07	White	P66	17	66	1 1/2	10
LCA300-38F-X		3/8	1.19	1.44	0.16	2.07	White	P66	17	66	1 1/2	10
LCA300-12F-X		1/2	1.19	1.44	0.16	2.18	White	P66	17	66	1 1/2	10
LCA300-58F-X		5/8	1.19	1.44	0.16	2.39	White	P66	17	66	1 1/2	10
LCA300-78F-X	350 kcmil	7/8	1.19	1.44	0.16	2.83	White	P66	17	66	1 1/2	10
LCA350-38F-X		3/8	1.28	1.44	0.17	2.13	Red	P71	18	71	1 1/2	10
LCA350-12F-X		1/2	1.28	1.44	0.17	2.24	Red	P71	18	71	1 1/2	10
LCA350-58F-X		5/8	1.28	1.44	0.17	2.45	Red	P71	18	71	1 1/2	10
LCA350-78F-X	400 kcmil	7/8	1.28	1.44	0.17	2.89	Red	P71	18	71	1 1/2	10
LCA400-38F-6		3/8	1.39	1.50	0.18	2.37	Blue	P76	19	76	1 9/16	6
LCA400-12F-6		1/2	1.39	1.50	0.18	2.37	Blue	P76	19	76	1 9/16	6
LCA400-58F-6		5/8	1.39	1.50	0.18	2.58	Blue	P76	19	76	1 9/16	6
LCA400-78F-6	500 kcmil	7/8	1.39	1.50	0.18	2.97	Blue	P76	19	76	1 9/16	6
LCA500-38F-6		3/8	1.54	1.75	0.22	2.32	Brown	P87	20	87	1 13/16	6
LCA500-12F-6		1/2	1.54	1.75	0.22	2.48	Brown	P87	20	87	1 13/16	6
LCA500-58F-6		5/8	1.54	1.75	0.22	2.69	Brown	P87	20	87	1 13/16	6
LCA500-34F-6	600 kcmil	3/4	1.54	1.75	0.22	2.83	Brown	P87	20	87	1 13/16	6
LCA500-78F-6		7/8	1.54	1.75	0.22	3.08	Brown	P87	20	87	1 13/16	6
LCA500-1F-6		1	1.54	1.75	0.22	3.20	Brown	P87	20	87	1 13/16	6
LCA600-12F-6		1/2	1.70	1.75	0.26	3.21	Green	P94	22	94	1 13/16	6
LCA600-58F-6	600 kcmil	5/8	1.70	1.75	0.26	3.21	Green	P94	22	94	1 13/16	6
LCA600-78F-6		7/8	1.70	1.75	0.26	3.21	Green	P94	22	94	1 13/16	6

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





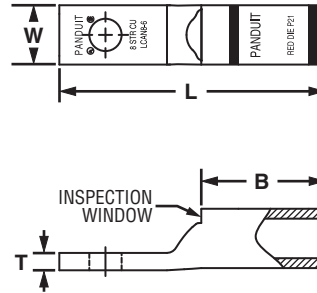
Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LKAN

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAN8-6-L	#8 AWG	#6	0.27	0.56	0.10	1.24	Red	P21	49	21	5/8	50
LCAN6-6-L	#6 AWG	#6	0.31	0.81	0.10	1.51	Blue	P24	7	24	7/8	50
LCAN4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.40	0.81	0.11	1.54	Gray	P29	8	29	7/8	50
LCAN4-14-L		1/4	0.40	0.81	0.11	1.63	Gray	P29	8	29	7/8	50
LCAN2-10-Q	#2 AWG	#10	0.42	0.88	0.12	1.67	Brown	P33	10	33	15/16	25
LCAN2-14-Q		1/4	0.42	0.88	0.12	1.77	Brown	P33	10	33	15/16	25
LCAN1-10-E	#1 AWG	#10	0.47	0.88	0.11	1.69	Green	P37	11	37	15/16	20
LCAN1-14-E		1/4	0.47	0.88	0.12	1.79	Green	P37	11	37	15/16	20
LCAN1/0-10-X	1/0 AWG	#10	0.52	0.94	0.13	1.78	Pink	P42	12	42	1	10
LCAN1/0-14-X		1/4	0.52	0.94	0.13	1.95	Pink	P42	12	42	1	10
LCAN1/0-56-X		5/16	0.52	0.94	0.13	2.00	Pink	P42	12	42	1	10
LCAN2/0-10-X	2/0 AWG	#10	0.58	0.98	0.13	1.84	Black	P45	13	45	1 1/16	10
LCAN2/0-14-X		1/4	0.58	0.98	0.14	2.09	Black	P45	13	45	1 1/16	10
LCAN2/0-56-X		5/16	0.58	0.98	0.14	2.09	Black	P45	13	45	1 1/16	10
LCAN2/0-38-X		3/8	0.58	0.98	0.13	2.15	Black	P45	13	45	1 1/16	10
LCAN3/0-14-X	3/0 AWG	1/4	0.64	1.14	0.14	2.28	Orange	P50	14	50	1 3/16	10
LCAN3/0-56-X		5/16	0.64	1.14	0.13	2.28	Orange	P50	14	50	1 3/16	10
LCAN3/0-38-X		3/8	0.64	1.14	0.13	2.34	Orange	P50	14	50	1 3/16	10
LCAN4/0-14-X	4/0 AWG	1/4	0.71	1.19	0.14	2.36	Purple	P54	15	54	1 1/4	10
LCAN4/0-56-X		5/16	0.71	1.19	0.14	2.38	Purple	P54	15	54	1 1/4	10
LCAN4/0-38-X		3/8	0.71	1.19	0.15	2.45	Purple	P54	15	54	1 1/4	10

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

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Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAN250-14-X	250 kcmil	1/4	0.77	1.25	0.14	2.47	Yellow	P62	16	62	1 5/16	10
LCAN250-38-X		3/8	0.77	1.25	0.15	2.55	Yellow	P62	16	62	1 5/16	10
LCAN300-14-X	300 kcmil	1/4	0.81	1.44	0.16	2.90	White	P66	17	66	1 1/2	10
LCAN300-38-X		3/8	0.81	1.44	0.16	2.94	White	P66	17	66	1 1/2	10
LCAN350-38-X	350 kcmil	3/8	0.88	1.44	0.17	2.98	Red	P71	18	71	1 1/2	10
LCAN350-12-X		1/2	0.88	1.44	0.17	3.09	Red	P71	18	71	1 1/2	10
LCAN400-38-6	400 kcmil	3/8	0.95	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCAN400-12-6		1/2	0.95	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCAN500-38-6	500 kcmil	3/8	1.06	1.75	0.23	3.39	Brown	P87	20	87	1 13/16	6
LCAN500-12-6		1/2	1.06	1.75	0.22	3.55	Brown	P87	20	87	1 13/16	6
LCAN600-38-6	600 kcmil	3/8	1.19	1.75	0.27	3.44	Green	P94	22	94	1 13/16	6
LCAN600-12-6		1/2	1.19	1.75	0.27	4.20	Green	P94	22	94	1 13/16	6
LCAN750-38-6	750 kcmil	3/8	1.30	1.88	0.28	3.84	Black	P106	24	106	1 15/16	6
LCAN750-12-6		1/2	1.30	1.88	0.28	4.03	Black	P106	24	106	1 15/16	6
LCAN750-58-6		5/8	1.30	1.88	0.28	4.59	Black	P106	24	106	1 15/16	6

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



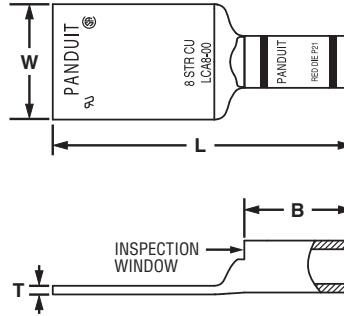


Code Conductor, Short Blank Tongue, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCA-00

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Recognized and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		W	B	T	L						
LCA8-00-L	#8 AWG	0.60	0.56	0.05	1.56	Red	P21	49	21	5/8	50
LCA6-00-L	#6 AWG	0.62	0.81	0.06	1.83	Blue	P24	7	24	7/8	50
LCA4-00-L	#4 - #3 AWG STR, #2 AWG SOL	0.62	0.81	0.07	1.85	Gray	P29	8	29	7/8	50
LCA2-00-Q	#2 AWG	0.75	0.88	0.08	2.21	Brown	P33	10	33	15/16	25
LCA1-00-E	#1 AWG	0.75	0.88	0.09	2.23	Green	P37	11	37	15/16	20
LCA1/0-00-X	1/0 AWG	0.80	0.94	0.12	2.31	Pink	P42	12	42	1	10
LCA2/0-00-X	2/0 AWG	0.85	0.98	0.13	2.40	Black	P45	13	45	1 1/16	10
LCA3/0-00-X	3/0 AWG	0.96	1.14	0.13	2.59	Orange	P50	14	50	1 3/16	10
LCA4/0-00-X	4/0 AWG	1.06	1.19	0.14	2.68	Purple	P54	15	54	1 1/4	10
LCA300-00-X	300 kcmil	1.19	1.44	0.16	3.70	White	P66	17	66	1 1/2	10
LCA350-00-X	350 kcmil	1.28	1.44	0.17	3.74	Red	P71	18	71	1 1/2	10
LCA400-00-6	400 kcmil	1.39	1.50	0.18	3.82	Blue	P76	19	76	1 9/16	6
LCA500-00-6	500 kcmil	1.54	1.75	0.22	4.27	Brown	P87	20	87	1 13/16	6
LCA600-00-6	600 kcmil	1.70	1.75	0.26	4.20	Green	P94	22	94	1 13/16	6

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Code Conductor, One-Hole, Long Barrel Lug

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

Type LCB

B3. Stainless Steel Ties

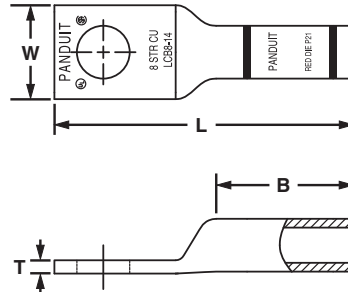
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Approved

C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

Part Number	Copper Conductor Size	Stud Hole Size (in.)	Figure Dimensions (in.)				Panduit Color Code	Panduit Die Index No.‡	Burdndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
			W	B	T	L						
LCB8-10-L	#8 AWG	#10	0.41	0.70	0.08	1.44	Red	P21	49	21	3/4	50
LCB8-14-L		1/4	0.48	0.70	0.07	1.53	Red	P21	49	21	3/4	50
LCB8-38-L		3/8	0.60	0.70	0.05	1.75	Red	P21	49	21	3/4	50
LCB6-10-L	#6 AWG	#10	0.45	1.07	0.09	1.84	Blue	P24	7	24	1 1/8	50
LCB6-14-L		1/4	0.48	1.07	0.08	1.93	Blue	P24	7	24	1 1/8	50
LCB6-38-L		3/8	0.62	1.07	0.05	2.15	Blue	P24	7	24	1 1/8	50
LCB4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.86	Gray	P29	8	29	1 1/8	50
LCB4-14-L		1/4	0.55	1.05	0.09	1.95	Gray	P29	8	29	1 1/8	50
LCB4-56-L		5/16	0.62	1.05	0.07	2.13	Gray	P29	8	29	1 1/8	50
LCB4-38-L		3/8	0.62	1.05	0.07	2.17	Gray	P29	8	29	1 1/8	50
LCB2-10-Q	#2 AWG	#10	0.60	1.16	0.10	2.07	Brown	P33	10	33	1 1/4	25
LCB2-14-Q		1/4	0.60	1.16	0.10	2.14	Brown	P33	10	33	1 1/4	25
LCB2-56-Q		5/16	0.66	1.16	0.10	2.27	Brown	P33	10	33	1 1/4	25
LCB2-38-Q		3/8	0.66	1.16	0.10	2.34	Brown	P33	10	33	1 1/4	25
LCB2-12-Q		1/2	0.75	1.16	0.08	2.58	Brown	P33	10	33	1 1/4	25
LCB1-10-E	#1 AWG	#10	0.70	1.36	0.11	2.30	Green	P37	11	37	1 7/16	20
LCB1-56-E		5/16	0.70	1.36	0.11	2.50	Green	P37	11	37	1 7/16	20
LCB1-38-E		3/8	0.70	1.36	0.11	2.57	Green	P37	11	37	1 7/16	20
LCB1-12-E		1/2	0.75	1.36	0.09	2.81	Green	P37	11	37	1 7/16	20
LCB1/0-10-X	1/0 AWG	#10	0.76	1.44	0.12	2.41	Pink	P42	12	42	1 1/2	10
LCB1/0-56-X		5/16	0.76	1.44	0.12	2.61	Pink	P42	12	42	1 1/2	10
LCB1/0-38-X		3/8	0.76	1.44	0.12	2.69	Pink	P42	12	42	1 1/2	10
LCB1/0-12-X		1/2	0.80	1.44	0.12	2.92	Pink	P42	12	42	1 1/2	10

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Code Conductor, One-Hole, Long Barrel Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB2/0-38-X	2/0 AWG	3/8	0.85	1.50	0.13	2.82	Black	P45	13	45	1 9/16	10
LCB2/0-12-X		1/2	0.85	1.50	0.13	3.07	Black	P45	13	45	1 9/16	10
LCB3/0-38-X	3/0 AWG	3/8	0.96	1.50	0.13	2.87	Orange	P50	14	50	1 9/16	10
LCB3/0-12-X		1/2	0.96	1.50	0.13	3.12	Orange	P50	14	50	1 9/16	10
LCB4/0-38-X	4/0 AWG	3/8	1.06	1.56	0.14	3.03	Purple	P54	15	54	1 5/8	10
LCB4/0-12-X		1/2	1.06	1.56	0.14	3.22	Purple	P54	15	54	1 5/8	10
LCB250-12-X	250 kcmil	1/2	1.17	1.61	0.14	3.32	Yellow	P62	16	62	1 11/16	10
LCB250-78-X		7/8	1.25	1.61	0.12	3.85	Yellow	P62	16	62	1 11/16	10
LCB300-56-X	300 kcmil	5/16	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-38-X		3/8	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-12-X		1/2	1.19	2.24	0.16	4.06	White	P66	17	66	2 5/16	10
LCB350-12-X	350 kcmil	1/2	1.28	2.24	0.17	4.11	Red	P71	18	71	2 5/16	10
LCB350-78-X		7/8	1.28	2.24	0.17	4.78	Red	P71	18	71	2 5/16	10
LCB400-38-6	400 kcmil	3/8	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-12-6		1/2	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-58-6		5/8	1.39	2.30	0.18	4.48	Blue	P76	19	76	2 3/8	6
LCB400-78-6		7/8	1.39	2.30	0.18	4.88	Blue	P76	19	76	2 3/8	6
LCB500-12-6	500 kcmil	1/2	1.54	2.50	0.22	4.53	Brown	P87	20	87	2 9/16	6
LCB500-58-6		5/8	1.54	2.50	0.22	4.74	Brown	P87	20	87	2 9/16	6
LCB500-78-6		7/8	1.54	2.50	0.22	5.13	Brown	P87	20	87	2 9/16	6
LCB600-12-6	600 kcmil	1/2	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
LCB600-58-6		5/8	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
LCB750-58-6	750 kcmil	5/8	1.89	2.88	0.26	5.98	Black	P106	24	106	2 15/16	6
LCB750-78-6		7/8	1.89	2.88	0.26	6.07	Black	P106	24	106	2 15/16	6
LCB800-58-6	800 kcmil	5/8	1.95	2.94	0.29	6.06	Orange	P107	25	107	3	6
LCB1000-58-3	1000 kcmil	5/8	2.17	3.00	0.32	6.32	White	P125	27	125	3 1/16	3

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

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A. System Overview



Code Conductor, One-Hole, Long Barrel Lug, 45° Angle

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

Type LCB-H

B3. Stainless Steel Ties

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

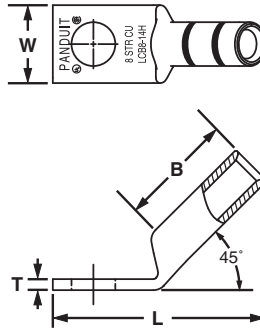
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB8-10H-L	#8 AWG	#10	0.41	0.70	0.08	1.23	Red	P21	49	21	3/4	50
LCB8-14H-L		1/4	0.48	0.70	0.07	1.31	Red	P21	49	21	3/4	50
LCB6-10H-L	#6 AWG	#10	0.45	1.07	0.09	1.52	Blue	P24	7	24	1 1/8	50
LCB6-14H-L		1/4	0.48	1.07	0.08	1.60	Blue	P24	7	24	1 1/8	50
LCB6-38H-L		3/8	0.62	1.07	0.05	1.81	Blue	P24	7	24	1 1/8	50
LCB4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.54	Gray	P29	8	29	1 1/8	50
LCB4-14H-L		1/4	0.55	1.05	0.09	1.63	Gray	P29	8	29	1 1/8	50
LCB2-10H-Q	#2 AWG	#10	0.60	1.16	0.10	1.68	Brown	P33	10	33	1 1/4	25
LCB2-56H-Q		5/16	0.66	1.16	0.10	1.87	Brown	P33	10	33	1 1/4	25
LCB1-10H-E	#1 AWG	#10	0.70	1.36	0.11	1.83	Green	P37	11	37	1 7/16	20
LCB1-56H-E		5/16	0.70	1.36	0.11	2.03	Green	P37	11	37	1 7/16	20
LCB1/0-10H-X	1/0 AWG	#10	0.76	1.44	0.12	1.92	Pink	P42	12	42	1 1/2	10
LCB1/0-56H-X		5/16	0.76	1.44	0.12	2.12	Pink	P42	12	42	1 1/2	10
LCB1/0-38H-X		3/8	0.76	1.44	0.12	2.19	Pink	P42	12	42	1 1/2	10
LCB1/0-12H-X		1/2	0.80	1.44	0.11	2.42	Pink	P42	12	42	1 1/2	10
LCB2/0-38H-X	2/0 AWG	3/8	0.85	1.50	0.13	2.31	Black	P45	13	45	1 9/16	10
LCB2/0-12H-X		1/2	0.85	1.50	0.13	2.53	Black	P45	13	45	1 9/16	10
LCB3/0-38H-X	3/0 AWG	3/8	0.96	1.50	0.13	2.33	Orange	P50	14	50	1 9/16	10
LCB3/0-12H-X		1/2	0.96	1.50	0.13	2.58	Orange	P50	14	50	1 9/16	10

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Code Conductor, One-Hole, Long Barrel Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB4/0-38H-X	4/0 AWG	3/8	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12H-X		1/2	1.06	1.56	0.14	2.67	Purple	P54	15	54	1 5/8	10
LCB250-12H-X	250 kcmil	1/2	1.17	1.61	0.14	2.74	Yellow	P62	16	62	1 11/16	10
LCB250-78H-X		7/8	1.25	1.61	0.12	3.27	Yellow	P62	16	62	1 11/16	10
LCB300-56H-X	300 kcmil	5/16	1.19	2.24	0.16	3.24	White	P66	17	66	2 5/16	10
LCB300-38H-X		3/8	1.19	2.24	0.16	3.24	White	P66	17	66	2 5/16	10
LCB300-12H-X		1/2	1.19	2.24	0.16	3.35	White	P66	17	66	2 5/16	10
LCB350-12H-X	350 kcmil	1/2	1.28	2.24	0.17	3.39	Red	P71	18	71	2 5/16	10
LCB350-78H-X		7/8	1.28	2.24	0.17	4.04	Red	P71	18	71	2 5/16	10
LCB400-12H-6	400 kcmil	1/2	1.39	2.30	0.18	3.53	Blue	P76	19	76	2 3/8	6
LCB400-58H-6		5/8	1.39	2.30	0.18	3.74	Blue	P76	19	76	2 3/8	6
LCB400-78H-6		7/8	1.39	2.30	0.18	4.13	Blue	P76	19	76	2 3/8	6
LCB500-12H-6	500 kcmil	1/2	1.54	2.50	0.22	3.74	Brown	P87	20	87	2 9/16	6
LCB500-58H-6		5/8	1.54	2.50	0.22	3.95	Brown	P87	20	87	2 9/16	6
LCB500-78H-6		7/8	1.54	2.50	0.22	4.34	Brown	P87	20	87	2 9/16	6
LCB600-12H-6	600 kcmil	1/2	1.70	2.69	0.26	4.56	Green	P94	22	94	2 3/4	6
LCB600-58H-6		5/8	1.70	2.69	0.26	4.56	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

C2.
Surface Raceway

C3.
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C4.
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D1.
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Grounding Connectors

E1.
Labeling Systems

E2.
Labels

E3.
Pre-Printed & Write-On Markers

E4.
Permanent Identification

E5.
Lockout/Tagout & Safety Solutions

F.
Index



A. System Overview



Code Conductor, One-Hole, Long Barrel Lug, 90° Angle

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

Type LCB-F

B3. Stainless Steel Ties

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

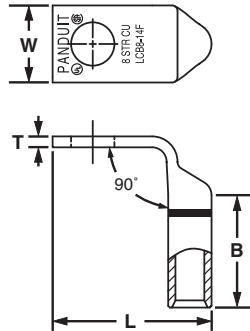
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB8-10F-L	#8 AWG	#10	0.41	0.70	0.08	1.08	Red	P21	49	21	3/4	50
LCB8-14F-L		1/4	0.48	0.70	0.07	1.07	Red	P21	49	21	3/4	50
LCB6-10F-L	#6 AWG	#10	0.45	1.07	0.09	1.49	Blue	P24	7	24	1 1/8	50
LCB6-14F-L		1/4	0.48	1.07	0.08	1.48	Blue	P24	7	24	1 1/8	50
LCB6-38F-L		3/8	0.62	1.07	0.05	1.45	Blue	P24	7	24	1 1/8	50
LCB4-10F-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.53	Gray	P29	8	29	1 1/8	50
LCB4-14F-L		1/4	0.55	1.05	0.09	1.53	Gray	P29	8	29	1 1/8	50
LCB2-10F-Q	#2 AWG	#10	0.60	1.16	0.10	1.75	Brown	P33	10	33	1 1/4	25
LCB2-56F-Q		5/16	0.66	1.16	0.10	1.74	Brown	P33	10	33	1 1/4	25
LCB1-10F-E	#1 AWG	#10	0.70	1.36	0.11	2.00	Green	P37	11	37	1 7/16	20
LCB1-56F-E		5/16	0.70	1.36	0.11	2.00	Green	P37	11	37	1 7/16	20
LCB1/0-10F-X		#10	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-56F-X	1/0 AWG	5/16	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-38F-X		3/8	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-12F-X		1/2	0.80	1.44	0.12	2.14	Pink	P42	12	42	1 1/2	10
LCB2/0-38F-X	2/0 AWG	3/8	0.85	1.50	0.13	2.30	Black	P45	13	45	1 9/16	10
LCB3/0-38F-X		3/8	0.96	1.50	0.13	2.35	Orange	P50	14	50	1 9/16	10
LCB3/0-12F-X	3/0 AWG	1/2	0.96	1.50	0.13	2.35	Orange	P50	14	50	1 9/16	10
LCB4/0-38F-X		3/8	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12F-X	4/0 AWG	1/2	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	10

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Code Conductor, One-Hole, Long Barrel Lug, 90° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB250-12F-X	250 kcmil	1/2	1.17	1.61	0.14	2.57	Yellow	P62	16	62	1 11/16	10
LCB250-78F-X		7/8	1.25	1.61	0.12	2.49	Yellow	P62	16	62	1 11/16	10
LCB350-12F-X	350 kcmil	1/2	1.28	2.24	0.17	3.34	Red	P71	18	71	2 5/16	10
LCB350-78F-X		7/8	1.28	2.24	0.17	3.34	Red	P71	18	71	2 5/16	10
LCB400-58F-6	400 kcmil	5/8	1.39	2.30	0.18	3.47	Blue	P76	19	76	2 3/8	6
LCB400-78F-6		7/8	1.39	2.30	0.18	3.47	Blue	P76	19	76	2 3/8	6
LCB500-12F-6	500 kcmil	1/2	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-58F-6		5/8	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-78F-6		7/8	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB600-12F-6	600 kcmil	1/2	1.70	2.69	0.26	4.08	Green	P94	22	94	2 3/4	6
LCB600-58F-6		5/8	1.70	2.69	0.26	4.08	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

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Surface Raceway

C3.
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E4.
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Lockout/Tagout & Safety Solutions

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A. System Overview



Code Conductor, One-Hole, Long Barrel with Window Lug

B1. Cable Ties

For Use with Stranded Copper Conductors

Type LCB-W

B2. Cable Accessories

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

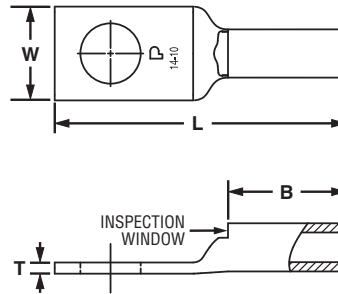
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14W-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.53	0.05	1.31	—	—	—	—	9/16	50
LCB750-38W-6	750 kcmil	3/8	1.89	2.88	0.26	4.83	Black	P106	24	106	2 15/16	6
LCB750-12W-6		1/2	1.89	2.88	0.26	5.03	Black	P106	24	106	2 15/16	6
LCB750-58W-6		5/8	1.89	2.88	0.26	5.58	Black	P106	24	106	2 15/16	6
LCB750-78W-6		7/8	1.89	2.88	0.26	5.68	Black	P106	24	106	2 15/16	6
LCB800-12W-6	800 kcmil	1/2	1.95	2.94	0.30	5.11	Orange	P107	25	107	3	6
LCB800-58W-6		5/8	1.95	2.94	0.30	5.68	Orange	P107	25	107	3	6
LCB1000-38W-3	1000 kcmil	3/8	2.17	3.00	0.32	5.08	White	P125	27	125	3 1/16	3
LCB1000-12W-3		1/2	2.17	3.00	0.32	5.27	White	P125	27	125	3 1/16	3
LCB1000-58W-3		5/8	2.17	3.00	0.32	5.92	White	P125	27	125	3 1/16	3

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



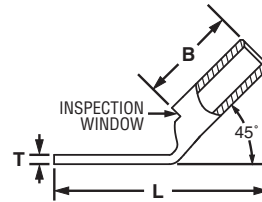
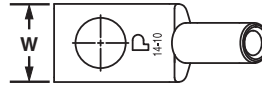


Code Conductor, One-Hole, Long Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCB-WH

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14WH-L	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.53	0.05	1.15	—	—	—	—	9/16	50

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

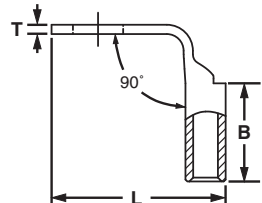


Code Conductor, One-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCB-WF

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14WF-L	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.53	0.05	0.94	—	—	—	—	9/16	50

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
- D2. Power Connectors
- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index



Code Conductor, One-Hole, Long Barrel with Corona Relief Taper Lug

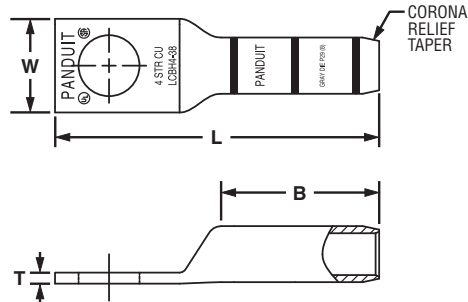
To Facilitate Use with Stranded Copper Conductors in Applications of 5000 V or More

Type LCBH

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Corona Relief Taper



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCBH4-38-L	#4 AWG	3/8	0.62	1.05	0.07	2.16	Gray	P29	8	29	1 1/8	50
LCBH2-38-Q	#2 AWG	3/8	0.66	1.16	0.10	2.34	Brown	P33	10	33	1 1/4	25
LCBH1-38-E	#1 AWG	3/8	0.70	1.36	0.10	2.57	Green	P37	11	37	1 7/16	20
LCBH1/0-38-X	1/0 AWG	3/8	0.76	1.44	0.12	2.69	Pink	P42	12	42	1 1/2	10
LCBH2/0-12-X	2/0 AWG	1/2	0.85	1.50	0.13	3.07	Black	P45	13	45	1 9/16	10
LCBH3/0-12-X	3/0 AWG	1/2	0.96	1.50	0.13	3.12	Orange	P50	14	50	1 9/16	10
LCBH4/0-12-X	4/0 AWG	1/2	1.06	1.56	0.14	3.22	Purple	P54	15	54	1 5/8	10
LCBH250-12-X	250 kcmil	1/2	1.17	1.61	0.14	3.32	Yellow	P62	16	62	1 11/16	10

‡See pages D3.66, D3.67 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



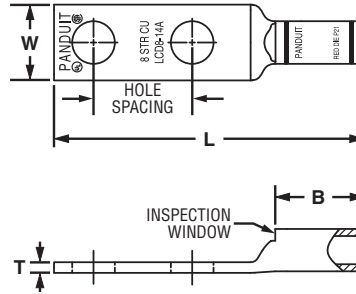


Code Conductor, Two-Hole, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCD

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCD10-10A-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	0.63	0.38	0.38	0.06	1.69	—	—	—	—	7/16	50
LCD10-14A-L*		1/4	0.63	0.42	0.38	0.05	1.78	—	—	—	—	7/16	50
LCD10-14B-L*		1/4	0.75	0.42	0.38	0.05	1.91	—	—	—	—	7/16	50
LCD10-14D-L*		1/4	1.00	0.42	0.38	0.05	2.16	—	—	—	—	7/16	50
LCD10-38D-L*		3/8	1.00	0.56	0.38	0.04	2.38	—	—	—	—	7/16	50
LCD8-10A-L	#8 AWG	#10	0.63	0.41	0.56	0.08	1.88	Red	P21	49	21	5/8	50
LCD8-14A-L		1/4	0.63	0.48	0.56	0.07	1.97	Red	P21	49	21	5/8	50
LCD8-14B-L		1/4	0.75	0.48	0.56	0.07	2.09	Red	P21	49	21	5/8	50
LCD8-14D-L		1/4	1.00	0.48	0.56	0.07	2.34	Red	P21	49	21	5/8	50
LCD8-38D-L		3/8	1.00	0.60	0.56	0.05	2.56	Red	P21	49	21	5/8	50
LCD6-10A-L	#6 AWG	#10	0.63	0.46	0.81	0.08	2.15	Blue	P24	7	24	7/8	50
LCD6-10B-L		#10	0.75	0.46	0.81	0.08	2.27	Blue	P24	7	24	7/8	50
LCD6-10D-L		#10	1.00	0.46	0.81	0.08	2.52	Blue	P24	7	24	7/8	50
LCD6-14A-L		1/4	0.63	0.48	0.81	0.08	2.24	Blue	P24	7	24	7/8	50
LCD6-14B-L		1/4	0.75	0.48	0.81	0.08	2.36	Blue	P24	7	24	7/8	50
LCD6-14D-L		1/4	1.00	0.48	0.81	0.08	2.61	Blue	P24	7	24	7/8	50
LCD6-56D-L		5/16	1.00	0.56	0.81	0.07	2.73	Blue	P24	7	24	7/8	50
LCD6-38D-L		3/8	1.00	0.62	0.81	0.06	2.83	Blue	P24	7	24	7/8	50
LCD4-10A-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	0.81	0.09	2.17	Gray	P29	8	29	7/8	50
LCD4-10B-L		#10	0.75	0.55	0.81	0.09	2.29	Gray	P29	8	29	7/8	50
LCD4-14A-L		1/4	0.63	0.55	0.81	0.09	2.26	Gray	P29	8	29	7/8	50
LCD4-14B-L		1/4	0.75	0.55	0.81	0.09	2.38	Gray	P29	8	29	7/8	50
LCD4-14D-L		1/4	1.00	0.55	0.81	0.09	2.63	Gray	P29	8	29	7/8	50
LCD4-38D-L		3/8	1.00	0.62	0.81	0.08	2.85	Gray	P29	8	29	7/8	50
LCD2-14A-Q	#2 AWG	1/4	0.63	0.60	0.88	0.10	2.40	Brown	P33	10	33	15/16	25
LCD2-14B-Q		1/4	0.75	0.60	0.88	0.10	2.52	Brown	P33	10	33	15/16	25
LCD2-14D-Q		1/4	1.00	0.60	0.88	0.10	2.77	Brown	P33	10	33	15/16	25
LCD2-56B-Q		5/16	0.75	0.66	0.88	0.10	2.65	Brown	P33	10	33	15/16	25
LCD2-38D-Q		3/8	1.00	0.66	0.88	0.10	3.00	Brown	P33	10	33	15/16	25
LCD2-12-Q		1/2	1.75	0.75	0.88	0.08	4.14	Brown	P33	10	33	15/16	25

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.32



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
				W	B	T	L							
LCD1-14A-E	#1 AWG	1/4	0.63	0.70	0.88	0.11	2.42	Green	P37	11	37	15/16	20	
LCD1-14B-E		1/4	0.75	0.70	0.88	0.11	2.54	Green	P37	11	37	15/16	20	
LCD1-56C-E		5/16	0.88	0.70	0.88	0.11	2.79	Green	P37	11	37	15/16	20	
LCD1-38D-E		3/8	1.00	0.70	0.88	0.11	2.99	Green	P37	11	37	15/16	20	
LCD1-12-E		1/2	1.75	0.75	0.88	0.09	4.16	Green	P37	11	37	15/16	20	
LCD1/0-14A-X	1/0 AWG	1/4	0.63	0.76	0.94	0.12	2.57	Pink	P42	12	42	1	10	
LCD1/0-14B-X		1/4	0.75	0.76	0.94	0.12	2.70	Pink	P42	12	42	1	10	
LCD1/0-56C-X		5/16	0.88	0.76	0.94	0.12	2.88	Pink	P42	12	42	1	10	
LCD1/0-38D-X		3/8	1.00	0.76	0.94	0.12	3.08	Pink	P42	12	42	1	10	
LCD1/0-12-X		1/2	1.75	0.80	0.94	0.12	4.25	Pink	P42	12	42	1	10	
LCD2/0-14A-X	2/0 AWG	1/4	0.63	0.85	0.98	0.13	2.70	Black	P45	13	45	1 1/16	10	
LCD2/0-14B-X		1/4	0.75	0.85	0.98	0.13	2.83	Black	P45	13	45	1 1/16	10	
LCD2/0-56C-X		5/16	0.88	0.85	0.98	0.13	2.95	Black	P45	13	45	1 1/16	10	
LCD2/0-38D-X		3/8	1.00	0.85	0.98	0.13	3.14	Black	P45	13	45	1 1/16	10	
LCD2/0-12-X		1/2	1.75	0.85	0.98	0.13	4.30	Black	P45	13	45	1 1/16	10	
LCD3/0-14B-X	3/0 AWG	1/4	0.75	0.96	1.14	0.13	3.02	Orange	P50	14	50	1 3/16	10	
LCD3/0-56D-X		5/16	1.00	0.96	1.14	0.13	3.27	Orange	P50	14	50	1 3/16	10	
LCD3/0-38D-X		3/8	1.00	0.96	1.14	0.13	3.33	Orange	P50	14	50	1 3/16	10	
LCD3/0-12-X		1/2	1.75	0.96	1.14	0.13	4.49	Orange	P50	14	50	1 3/16	10	
LCD4/0-14B-X		4/0 AWG	1/4	0.75	1.06	1.19	0.14	3.10	Purple	P54	15	54	1 1/4	10
LCD4/0-38D-X	3/8		1.00	1.06	1.19	0.14	3.44	Purple	P54	15	54	1 1/4	10	
◆ LCD4/0-12-X	1/2		1.75	1.06	1.19	0.14	4.58	Purple	P54	15	54	1 1/4	10	
LCD250-38D-X	250 kcmil		3/8	1.00	1.17	1.25	0.14	3.54	Yellow	P62	16	62	1 5/16	10
◆ LCD250-12-X			1/2	1.75	1.17	1.25	0.14	4.68	Yellow	P62	16	62	1 5/16	10
LCD300-38D-X	300 kcmil	3/8	1.00	1.19	1.44	0.16	3.74	White	P66	17	66	1 1/2	10	
◆ LCD300-12-X		1/2	1.75	1.19	1.44	0.16	4.92	White	P66	17	66	1 1/2	10	
LCD350-14B-X	350 kcmil	1/4	0.75	1.28	1.44	0.17	3.30	Red	P71	18	71	1 1/2	10	
LCD350-38D-X		3/8	1.00	1.28	1.44	0.17	3.78	Red	P71	18	71	1 1/2	10	
LCD350-12E-X		1/2	1.25	1.28	1.44	0.17	4.33	Red	P71	18	71	1 1/2	10	
◆ LCD350-12-X		1/2	1.75	1.28	1.44	0.17	4.96	Red	P71	18	71	1 1/2	10	
LCD400-38D-6		400 kcmil	3/8	1.00	1.39	1.50	0.18	3.86	Blue	P76	19	76	1 9/16	6
◆ LCD400-12-6	1/2		1.75	1.39	1.50	0.18	5.04	Blue	P76	19	76	1 9/16	6	
LCD500-14B-6	500 kcmil	1/4	0.75	1.54	1.75	0.22	3.71	Brown	P87	20	87	1 13/16	6	
LCD500-38D-6		3/8	1.00	1.54	1.75	0.22	4.19	Brown	P87	20	87	1 13/16	6	
LCD500-12E-6		1/2	1.25	1.54	1.75	0.22	4.74	Brown	P87	20	87	1 13/16	6	
◆ LCD500-12-6		1/2	1.75	1.54	1.75	0.22	5.37	Brown	P87	20	87	1 13/16	6	
LCD600-38D-6		600 kcmil	3/8	1.00	1.70	1.75	0.26	4.24	Green	P94	22	94	1 13/16	6
◆ LCD600-12-6	1/2		1.75	1.70	1.75	0.26	5.42	Green	P94	22	94	1 13/16	6	
LCD750-38D-6	750 kcmil	3/8	1.00	1.89	1.88	0.26	4.71	Black	P106	24	106	1 15/16	6	
◆ LCD750-12-6		1/2	1.75	1.89	1.88	0.26	5.65	Black	P106	24	106	1 15/16	6	
LCD750-58G-6	750 kcmil	5/8	1.50	1.89	1.88	0.26	5.46	Black	P106	24	106	1 15/16	6	
◆ LCD1000-12-3	1000 kcmil	1/2	1.75	2.17	1.88	0.32	5.77	White	P125	27	125	1 15/16	3	
LCD1000-12E-3		1/2	1.25	2.17	1.88	0.32	5.27	White	P125	27	125	1 15/16	3	

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





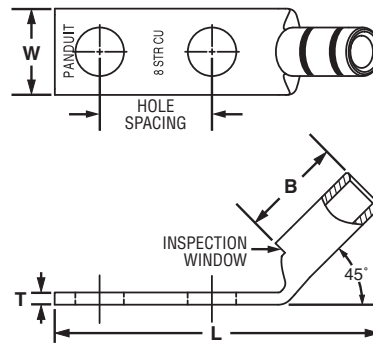
Code Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCD-H

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCD10-10AH-L*	#14 – #10	#10	0.63	0.38	0.38	0.06	1.59	—	—	—	—	7/16	50
LCD10-14AH-L*	#12 – #10 AWG STR,	1/4	0.63	0.42	0.38	0.05	1.67	—	—	—	—	7/16	50
LCD10-38DH-L*	#12 – #10 AWG SOL	3/8	1.00	0.56	0.38	0.04	2.28	—	—	—	—	7/16	50
LCD8-10AH-L	#8 AWG	#10	0.63	0.41	0.56	0.08	1.73	Red	P21	49	21	5/8	50
LCD8-14AH-L		1/4	0.63	0.48	0.56	0.07	1.81	Red	P21	49	21	5/8	50
LCD8-14BH-L		1/4	0.75	0.48	0.56	0.07	1.94	Red	P21	49	21	5/8	50
LCD8-14DH-L		1/4	1.00	0.48	0.56	0.07	2.19	Red	P21	49	21	5/8	50
LCD8-38DH-L		3/8	1.00	0.63	0.56	0.05	2.40	Red	P21	49	21	5/8	50
LCD6-10AH-L	#6 AWG	#10	0.63	0.46	0.81	0.08	1.92	Blue	P24	7	24	7/8	50
LCD6-10BH-L		#10	0.75	0.46	0.81	0.08	2.04	Blue	P24	7	24	7/8	50
LCD6-10DH-L		#10	1.00	0.46	0.81	0.08	2.29	Blue	P24	7	24	7/8	50
LCD6-14AH-L		1/4	0.63	0.48	0.81	0.08	2.00	Blue	P24	7	24	7/8	50
LCD6-14BH-L		1/4	0.75	0.48	0.81	0.08	2.13	Blue	P24	7	24	7/8	50
LCD6-14DH-L		1/4	1.00	0.48	0.81	0.08	2.38	Blue	P24	7	24	7/8	50
LCD6-56DH-L		5/16	1.00	0.56	0.81	0.07	2.49	Blue	P24	7	24	7/8	50
LCD6-38DH-L		3/8	1.00	0.62	0.81	0.06	2.59	Blue	P24	7	24	7/8	50
LCD4-10AH-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	0.81	0.09	1.94	Gray	P29	8	29	7/8	50
LCD4-10BH-L		#10	0.75	0.55	0.81	0.09	2.06	Gray	P29	8	29	7/8	50
LCD4-14AH-L		1/4	0.63	0.55	0.81	0.09	2.03	Gray	P29	8	29	7/8	50
LCD4-14BH-L		1/4	0.75	0.55	0.81	0.09	2.15	Gray	P29	8	29	7/8	50
LCD4-14DH-L		1/4	1.00	0.55	0.81	0.09	2.40	Gray	P29	8	29	7/8	50
LCD4-38DH-L		3/8	1.00	0.62	0.81	0.08	2.62	Gray	P29	8	29	7/8	50

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

Table continues on page D2.34



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCD2-14AH-Q	#2 AWG	1/4	0.63	0.60	0.88	0.10	2.11	Brown	P33	10	33	15/16	25
LCD2-14BH-Q		1/4	0.75	0.60	0.88	0.10	2.24	Brown	P33	10	33	15/16	25
LCD2-14DH-Q		1/4	1.00	0.60	0.88	0.10	2.49	Brown	P33	10	33	15/16	25
LCD2-56BH-Q		5/16	0.75	0.66	0.88	0.10	2.36	Brown	P33	10	33	15/16	25
LCD2-38DH-Q		3/8	1.00	0.66	0.88	0.10	2.71	Brown	P33	10	33	15/16	25
LCD2-12H-Q		1/2	1.75	0.75	0.88	0.08	3.84	Brown	P33	10	33	15/16	25
LCD1-14AH-E	#1 AWG	1/4	0.63	0.70	0.88	0.11	2.12	Green	P37	11	37	15/16	20
LCD1-14BH-E		1/4	0.75	0.70	0.88	0.11	2.25	Green	P37	11	37	15/16	20
LCD1-56CH-E		5/16	0.88	0.70	0.88	0.11	2.50	Green	P37	11	37	15/16	20
LCD1-38DH-E		3/8	1.00	0.70	0.88	0.11	2.70	Green	P37	11	37	15/16	20
LCD1-12H-E	1/0 AWG	1/2	1.75	0.75	0.88	0.09	3.87	Green	P37	11	37	15/16	20
LCD1/0-14AH-X		1/4	0.63	0.76	0.94	0.12	2.26	Pink	P42	12	42	1	10
LCD1/0-14BH-X		1/4	0.75	0.76	0.94	0.12	2.38	Pink	P42	12	42	1	10
LCD1/0-56CH-X		5/16	0.88	0.76	0.94	0.12	2.56	Pink	P42	12	42	1	10
LCD1/0-38DH-X		3/8	1.00	0.76	0.94	0.12	2.76	Pink	P42	12	42	1	10
LCD1/0-12H-X		1/2	1.75	0.80	0.94	0.12	3.93	Pink	P42	12	42	1	10
LCD2/0-14AH-X	2/0 AWG	1/4	0.63	0.85	0.98	0.13	2.39	Black	P45	13	45	1 1/16	10
LCD2/0-14BH-X		1/4	0.75	0.85	0.98	0.13	2.52	Black	P45	13	45	1 1/16	10
LCD2/0-56CH-X		5/16	0.88	0.85	0.98	0.13	2.64	Black	P45	13	45	1 1/16	10
LCD2/0-38DH-X		3/8	1.00	0.85	0.98	0.13	2.83	Black	P45	13	45	1 1/16	10
LCD2/0-12H-X	3/0 AWG	1/2	1.75	0.85	0.98	0.13	3.99	Black	P45	13	45	1 1/16	10
LCD3/0-14BH-X		1/4	0.75	0.96	1.14	0.13	2.65	Orange	P50	14	50	1 3/16	10
LCD3/0-56DH-X		5/16	1.00	0.96	1.14	0.13	2.90	Orange	P50	14	50	1 3/16	10
LCD3/0-38DH-X		3/8	1.00	0.96	1.14	0.13	2.96	Orange	P50	14	50	1 3/16	10
LCD3/0-12H-X	4/0 AWG	1/2	1.75	0.96	1.14	0.13	4.12	Orange	P50	14	50	1 3/16	10
LCD4/0-14BH-X		1/4	0.75	1.06	1.19	0.14	2.72	Purple	P54	15	54	1 1/4	10
LCD4/0-38DH-X		3/8	1.00	1.06	1.19	0.14	3.05	Purple	P54	15	54	1 1/4	10
LCD4/0-12H-X		1/2	1.75	1.06	1.19	0.14	4.19	Purple	P54	15	54	1 1/4	10
LCD250-38DH-X	250 kcmil	3/8	1.00	1.17	1.25	0.14	3.13	Yellow	P62	16	62	1 5/16	10
LCD250-12H-X		1/2	1.75	1.17	1.25	0.14	4.27	Yellow	P62	16	62	1 5/16	10
LCD300-38DH-X	300 kcmil	3/8	1.00	1.17	1.44	0.14	3.36	White	P66	17	66	1 1/2	10
LCD300-12H-X		1/2	1.75	1.17	1.44	0.14	4.54	White	P66	17	66	1 1/2	10
LCD350-14BH-X	350 kcmil	1/4	0.75	1.28	1.44	0.17	2.92	Red	P71	18	71	1 1/2	10
LCD350-38DH-X		3/8	1.00	1.28	1.44	0.17	3.40	Red	P71	18	71	1 1/2	10
LCD350-12EH-X		1/2	1.25	1.28	1.44	0.17	3.95	Red	P71	18	71	1 1/2	10
LCD350-12H-X		1/2	1.75	1.28	1.44	0.17	4.58	Red	P71	18	71	1 1/2	10
LCD400-38DH-6	400 kcmil	3/8	1.00	1.39	1.50	0.18	3.50	Blue	P76	19	76	1 9/16	6
LCD400-12H-6		1/2	1.75	1.39	1.50	0.18	4.68	Blue	P76	19	76	1 9/16	6
LCD500-14BH-6	500 kcmil	1/4	0.75	1.54	1.75	0.22	3.27	Brown	P87	20	87	1 13/16	6
LCD500-38DH-6		3/8	1.00	1.54	1.75	0.22	3.75	Brown	P87	20	87	1 13/16	6
LCD500-12EH-6		1/2	1.25	1.54	1.75	0.22	4.30	Brown	P87	20	87	1 13/16	6
LCD500-12H-6		1/2	1.75	1.54	1.75	0.22	4.93	Brown	P87	20	87	1 13/16	6
LCD600-38DH-6	600 kcmil	3/8	1.00	1.70	1.75	0.26	3.81	Green	P94	22	94	1 13/16	6
LCD600-12H-6		1/2	1.75	1.70	1.75	0.26	4.99	Green	P94	22	94	1 13/16	6

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



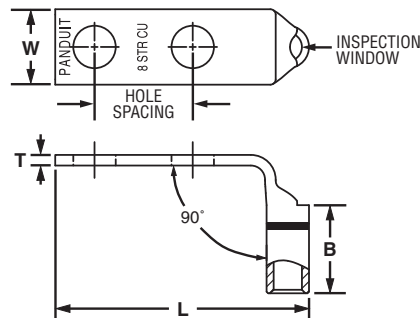


Code Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCD-F

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCD10-10AF-L*	#14 – #10 AWG STR,	#10	0.63	0.38	0.38	0.06	1.47	—	—	—	—	7/16	50
LCD10-14AF-L*	#12 – #10 AWG SOL	1/4	0.63	0.42	0.38	0.05	1.56	—	—	—	—	7/16	50
LCD10-38DF-L*		3/8	1.00	0.56	0.38	0.04	2.16	—	—	—	—	7/16	50
LCD8-10AF-L	#8 AWG	#10	0.63	0.41	0.56	0.08	1.53	Red	P21	49	21	5/8	50
LCD8-14AF-L		1/4	0.63	0.48	0.56	0.07	1.62	Red	P21	49	21	5/8	50
LCD8-14BF-L		1/4	0.75	0.48	0.56	0.07	1.74	Red	P21	49	21	5/8	50
LCD8-14DF-L		1/4	1.00	0.48	0.56	0.07	1.99	Red	P21	49	21	5/8	50
LCD8-38DF-L		3/8	1.00	0.63	0.56	0.05	2.21	Red	P21	49	21	5/8	50
LCD6-10AF-L	#6 AWG	#10	0.63	0.46	0.81	0.08	1.57	Blue	P24	7	24	7/8	50
LCD6-10BF-L		#10	0.75	0.46	0.81	0.08	1.69	Blue	P24	7	24	7/8	50
LCD6-10DF-L		#10	1.00	0.46	0.81	0.08	1.94	Blue	P24	7	24	7/8	50
LCD6-14AF-L		1/4	0.63	0.48	0.81	0.08	1.66	Blue	P24	7	24	7/8	50
LCD6-14BF-L		1/4	0.75	0.48	0.81	0.08	1.78	Blue	P24	7	24	7/8	50
LCD6-14DF-L		1/4	1.00	0.48	0.81	0.08	2.03	Blue	P24	7	24	7/8	50
LCD6-56DF-L		5/16	1.00	0.56	0.81	0.07	2.15	Blue	P24	7	24	7/8	50
LCD6-38DF-L		3/8	1.00	0.62	0.81	0.06	2.25	Blue	P24	7	24	7/8	50
LCD4-10AF-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	0.81	0.09	1.65	Gray	P29	8	29	7/8	50
LCD4-10BF-L		#10	0.75	0.55	0.81	0.09	1.78	Gray	P29	8	29	7/8	50
LCD4-14AF-L		1/4	0.63	0.55	0.81	0.09	1.74	Gray	P29	8	29	7/8	50
LCD4-14BF-L		1/4	0.75	0.55	0.81	0.09	1.87	Gray	P29	8	29	7/8	50
LCD4-14DF-L		1/4	1.00	0.55	0.81	0.09	2.12	Gray	P29	8	29	7/8	50
LCD4-38DF-L			3/8	1.00	0.62	0.81	0.08	2.34	Gray	P29	8	29	7/8

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.36



A. System Overview



Code Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
				W	B	T	L							
LCD2-14AF-Q	#2 AWG	1/4	0.63	0.60	0.88	0.10	1.86	Brown	P33	10	33	15/16	25	
LCD2-14BF-Q		1/4	0.75	0.60	0.88	0.10	1.99	Brown	P33	10	33	15/16	25	
LCD2-14DF-Q		1/4	1.00	0.60	0.88	0.10	2.24	Brown	P33	10	33	15/16	25	
LCD2-56BF-Q		5/16	0.75	0.66	0.88	0.10	2.11	Brown	P33	10	33	15/16	25	
LCD2-38DF-Q		3/8	1.00	0.66	0.88	0.10	2.47	Brown	P33	10	33	15/16	25	
LCD2-12F-Q		1/2	1.75	0.75	0.88	0.08	3.61	Brown	P33	10	33	15/16	25	
LCD1-14AF-E		#1 AWG	1/4	0.63	0.70	0.88	0.11	1.94	Green	P37	11	37	15/16	20
LCD1-14BF-E	1/4		0.75	0.70	0.88	0.11	2.06	Green	P37	11	37	15/16	20	
LCD1-56CF-E	5/16		0.88	0.70	0.88	0.11	2.31	Green	P37	11	37	15/16	20	
LCD1-38DF-E	3/8		1.00	0.70	0.88	0.11	2.51	Green	P37	11	37	15/16	20	
LCD1-12F-E	1/2		1.75	0.75	0.88	0.09	3.68	Green	P37	11	37	15/16	20	
LCD1/0-14AF-X	1/0 AWG		1/4	0.63	0.76	0.94	0.12	2.08	Pink	P42	12	42	1	10
LCD1/0-14BF-X			1/4	0.75	0.76	0.94	0.12	2.20	Pink	P42	12	42	1	10
LCD1/0-56CF-X		5/16	0.88	0.76	0.94	0.12	2.38	Pink	P42	12	42	1	10	
LCD1/0-38DF-X		3/8	1.00	0.76	0.94	0.12	2.58	Pink	P42	12	42	1	10	
LCD1/0-12F-X		1/2	1.75	0.80	0.94	0.12	3.75	Pink	P42	12	42	1	10	
LCD2/0-14AF-X		2/0 AWG	1/4	0.63	0.85	0.98	0.13	2.22	Black	P45	13	45	1 1/16	10
LCD2/0-14BF-X			1/4	0.75	0.85	0.98	0.13	2.34	Black	P45	13	45	1 1/16	10
LCD2/0-56CF-X	5/16		0.88	0.85	0.98	0.13	2.47	Black	P45	13	45	1 1/16	10	
LCD2/0-38DF-X	3/8		1.00	0.85	0.98	0.13	2.66	Black	P45	13	45	1 1/16	10	
LCD2/0-12F-X	1/2		1.75	0.85	0.98	0.13	3.82	Black	P45	13	45	1 1/16	10	
LCD3/0-14BF-X	3/0 AWG		1/4	0.75	0.96	1.14	0.13	2.42	Orange	P50	14	50	1 3/16	10
LCD3/0-56DF-X			5/16	1.00	0.96	1.14	0.13	2.67	Orange	P50	14	50	1 3/16	10
LCD3/0-38DF-X		3/8	1.00	0.96	1.14	0.13	2.73	Orange	P50	14	50	1 3/16	10	
LCD3/0-12F-X		1/2	1.75	0.96	1.14	0.13	3.89	Orange	P50	14	50	1 3/16	10	
LCD4/0-14BF-X		4/0 AWG	1/4	0.75	1.06	1.19	0.14	2.50	Purple	P54	15	54	1 1/4	10
LCD4/0-38DF-X			3/8	1.00	1.06	1.19	0.14	2.84	Purple	P54	15	54	1 1/4	10
LCD4/0-12F-X			1/2	1.75	1.06	1.19	0.14	3.98	Purple	P54	15	54	1 1/4	10
LCD250-38DF-X	250 kcmil		3/8	1.00	1.17	1.25	0.14	2.90	Yellow	P62	16	62	1 5/16	10
LCD250-12F-X			1/2	1.75	1.17	1.25	0.14	4.04	Yellow	P62	16	62	1 5/16	10
LCD300-38DF-X	300 kcmil		3/8	1.00	1.19	1.44	0.16	2.88	White	P66	17	66	1 1/2	10
LCD300-12F-X			1/2	1.75	1.19	1.44	0.16	4.06	White	P66	17	66	1 1/2	10
LCD350-14BF-X	350 kcmil	1/4	0.75	1.28	1.44	0.17	2.46	Red	P71	18	71	1 1/2	10	
LCD350-38DF-X		3/8	1.00	1.28	1.44	0.17	2.94	Red	P71	18	71	1 1/2	10	
LCD350-12EF-X		1/2	1.25	1.28	1.44	0.17	3.49	Red	P71	18	71	1 1/2	10	
LCD350-12F-X		1/2	1.75	1.28	1.44	0.17	4.12	Red	P71	18	71	1 1/2	10	
LCD400-38DF-6		400 kcmil	3/8	1.00	1.39	1.50	0.18	3.02	Blue	P76	19	76	1 9/16	6
LCD400-12F-6			1/2	1.75	1.39	1.50	0.18	4.20	Blue	P76	19	76	1 9/16	6
LCD500-14BF-6		500 kcmil	1/4	0.75	1.54	1.75	0.22	2.65	Brown	P87	20	87	1 13/16	6
LCD500-38DF-6	3/8		1.00	1.54	1.75	0.22	3.13	Brown	P87	20	87	1 13/16	6	
LCD500-12EF-6	1/2		1.25	1.54	1.75	0.22	3.68	Brown	P87	20	87	1 13/16	6	
LCD500-12F-6	1/2		1.75	1.54	1.75	0.22	4.31	Brown	P87	20	87	1 13/16	6	
LCD600-38DF-6	600 kcmil		3/8	1.00	1.70	1.75	0.26	3.26	Green	P94	22	94	1 13/16	6
LCD600-12F-6			1/2	1.75	1.70	1.75	0.26	4.44	Green	P94	22	94	1 13/16	6

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





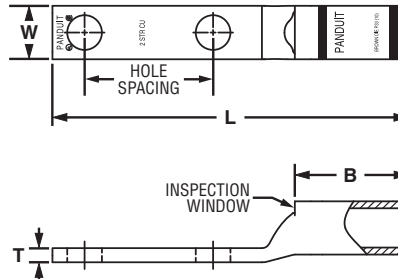
Code Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCDN

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-10B-Q	#2 AWG	#10	0.75	0.42	0.88	0.11	2.43	Brown	P33	10	33	15/16	25
LCDN2-14A-Q		1/4	0.63	0.42	0.88	0.12	2.40	Brown	P33	10	33	15/16	25
LCDN2-14B-Q		1/4	0.75	0.42	0.88	0.11	2.52	Brown	P33	10	33	15/16	25
LCDN2-14D-Q		1/4	1.00	0.42	0.88	0.11	2.77	Brown	P33	10	33	15/16	25
LCDN1-14B-E	#1 AWG	1/4	0.75	0.47	0.88	0.11	2.54	Green	P37	11	37	15/16	20
LCDN1/0-14D-X	1/0 AWG	1/4	1.00	0.52	0.94	0.13	2.95	Pink	P42	12	42	1	10
LCDN1/0-56D-X		5/16	1.00	0.52	0.94	0.13	3.00	Pink	P42	12	42	1	10
LCDN2/0-14A-X	2/0 AWG	1/4	0.63	0.58	0.98	0.14	2.71	Black	P45	13	45	1 1/16	10
LCDN2/0-14D-X		1/4	1.00	0.58	0.98	0.13	3.09	Black	P45	13	45	1 1/16	10
LCDN2/0-56A-X		5/16	0.63	0.58	0.98	0.13	2.71	Black	P45	13	45	1 1/16	10
LCDN2/0-56D-X		5/16	1.00	0.58	0.98	0.13	3.09	Black	P45	13	45	1 1/16	10
LCDN350-38D-X	350 kcmil	3/8	1.00	0.88	1.44	0.17	3.79	Red	P71	18	71	1 1/2	10
LCDN500-38D-6	500 kcmil	3/8	1.00	1.06	1.75	0.22	4.20	Brown	P87	20	87	1 13/16	6
LCDN500-12D-6		1/2	1.00	1.06	1.75	0.22	4.63	Brown	P87	20	87	1 13/16	6
LCDN750-38D-6	750 kcmil	3/8	1.00	1.30	1.88	0.26	4.72	Black	P106	24	106	1 15/16	6

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Code Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 45°

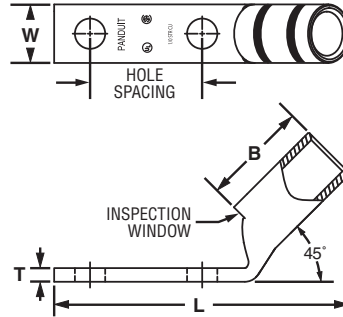
B1. Cable Ties

For Use with Stranded Copper Conductors

Type LCDN-H

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-14AH-Q	#2 AWG	1/4	0.63	0.42	0.88	0.11	2.12	Brown	P33	10	33	15/16	25
LCDN2-14DH-Q	#2 AWG	1/4	1.00	0.42	0.88	0.11	2.49	Brown	P33	10	33	15/16	25
LCDN1/0-14DH-X	1/0 AWG	1/4	1.00	0.52	0.94	0.13	2.63	Pink	P42	12	42	1	10
LCDN1/0-56DH-X	1/0 AWG	5/16	1.00	0.52	0.94	0.13	2.70	Pink	P42	12	42	1	10

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





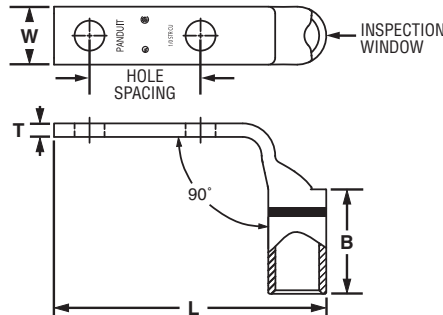
Code Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 90°

For Use with Stranded Copper Conductors

Type LCDN-F

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-14AF-Q	#2 AWG	1/4	0.63	0.42	0.88	0.11	1.86	Brown	P33	10	33	15/16	25
LCDN2-14DF-Q	#2 AWG	1/4	1.00	0.42	0.88	0.11	2.24	Brown	P33	10	33	15/16	25
LCDN1/0-14DF-X	1/0 AWG	1/4	1.00	0.52	0.94	0.13	2.45	Pink	P42	12	42	1	10
LCDN1/0-56DF-X	1/0 AWG	5/16	1.00	0.52	0.94	0.13	2.51	Pink	P42	12	42	1	10

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
- D2. Power Connectors
- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index



A. System Overview

Code Conductor, Long Blank Tongue, Standard Barrel with Window Lug

B1. Cable Ties

For Use with Stranded Copper Conductors

Type LCD-00

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Recognized and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

B2. Cable Accessories

B3. Stainless Steel Ties

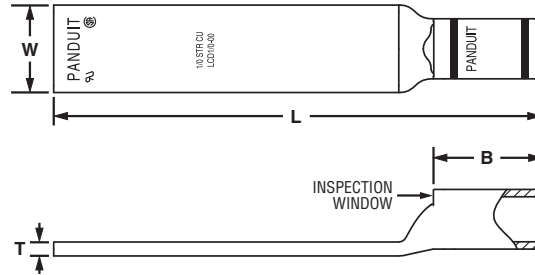


C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Part Number	Copper Conductor Size	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		W	B	T	L						
LCD1/0-00-X	1/0 AWG	0.76	0.94	0.12	4.25	Pink	P42	12	42	1	10
LCD2/0-00-X	2/0 AWG	0.85	0.98	0.13	4.30	Black	P45	13	45	1 1/16	10
LCD3/0-00-X	3/0 AWG	0.96	1.14	0.13	4.50	Orange	P50	14	50	1 3/16	10
LCD4/0-00-X	4/0 AWG	1.06	1.19	0.14	4.58	Purple	P54	15	54	1 1/4	10
LCD250-00-X	250 kcmil	1.17	1.25	0.14	4.69	Yellow	P62	16	62	1 5/16	10
LCD300-00-X	300 kcmil	1.19	1.44	0.16	4.93	White	P66	17	66	1 1/2	10
LCD350-00-X	350 kcmil	1.28	1.44	0.17	4.97	Red	P71	18	71	1 1/2	10
LCD400-00-6	400 kcmil	1.39	1.50	0.18	5.05	Blue	P76	19	76	1 9/16	6
LCD500-00-6	500 kcmil	1.54	1.75	0.22	5.38	Brown	P87	20	87	1 13/16	6
LCD600-00-6	600 kcmil	1.70	1.75	0.26	5.43	Green	P94	22	94	1 13/16	6
LCD750-00-6	750 kcmil	1.89	1.88	0.26	5.65	Black	P106	24	106	1 15/16	6
LCD1000-00-3	1000 kcmil	2.17	1.88	0.32	5.77	White	P125	27	125	1 15/16	3

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



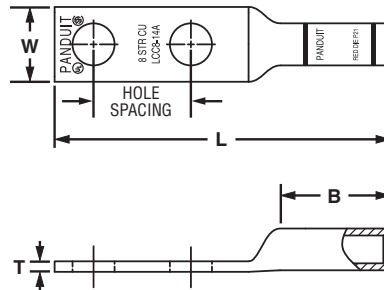


Code Conductor, Two-Hole, Long Barrel Lug

For Use with Stranded Copper Conductors

Type LCC

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
				W	B	T	L							
LCC8-10A-L	#8 AWG	#10	0.63	0.41	0.70	0.08	2.07	Red	P21	49	21	3/4	50	
LCC8-14A-L		1/4	0.63	0.48	0.70	0.07	2.16	Red	P21	49	21	3/4	50	
LCC8-14B-L		1/4	0.75	0.48	0.70	0.07	2.28	Red	P21	49	21	3/4	50	
LCC8-14D-L		1/4	1.00	0.48	0.70	0.07	2.53	Red	P21	49	21	3/4	50	
LCC8-38D-L		3/8	1.00	0.60	0.70	0.05	2.75	Red	P21	49	21	3/4	50	
LCC6-10A-L	#6 AWG	#10	0.63	0.46	1.07	0.08	2.47	Blue	P24	7	24	1 1/8	50	
LCC6-14A-L		1/4	0.63	0.48	1.07	0.08	2.56	Blue	P24	7	24	1 1/8	50	
LCC6-14B-L		1/4	0.75	0.48	1.07	0.08	2.68	Blue	P24	7	24	1 1/8	50	
LCC6-14D-L		1/4	1.00	0.48	1.07	0.08	2.93	Blue	P24	7	24	1 1/8	50	
LCC6-38D-L		3/8	1.00	0.62	1.07	0.06	3.15	Blue	P24	7	24	1 1/8	50	
LCC6-12-L		1/2	1.75	0.75	1.07	0.07	4.04	Blue	P24	7	24	1 1/8	50	
LCC4-14A-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	0.63	0.55	1.05	0.09	2.58	Gray	P29	8	29	1 1/8	50	
LCC4-14B-L		1/4	0.75	0.55	1.05	0.09	2.70	Gray	P29	8	29	1 1/8	50	
LCC4-38D-L		3/8	1.00	0.62	1.05	0.08	3.17	Gray	P29	8	29	1 1/8	50	
LCC4-12-L		1/2	1.75	0.75	1.05	0.07	4.09	Gray	P29	8	29	1 1/8	50	
LCC2-14A-Q	#2 AWG	1/4	0.63	0.60	1.16	0.10	2.77	Brown	P33	10	33	1 1/4	25	
LCC2-14B-Q		1/4	0.75	0.60	1.16	0.10	2.89	Brown	P33	10	33	1 1/4	25	
LCC2-56B-Q		5/16	0.75	0.66	1.16	0.10	3.02	Brown	P33	10	33	1 1/4	25	
LCC2-56C-Q		5/16	0.88	0.66	1.16	0.10	3.14	Brown	P33	10	33	1 1/4	25	
LCC2-38D-Q		3/8	1.00	0.66	1.16	0.10	3.34	Brown	P33	10	33	1 1/4	25	
LCC2-38-Q		3/8	1.75	0.66	1.16	0.10	4.09	Brown	P33	10	33	1 1/4	25	
LCC2-12-Q		1/2	1.75	0.75	1.16	0.08	4.51	Brown	P33	10	33	1 1/4	25	
LCC1-14A-E		#1 AWG	1/4	0.63	0.70	1.36	0.11	3.00	Green	P37	11	37	1 7/16	20
LCC1-14B-E			1/4	0.75	0.70	1.36	0.11	3.12	Green	P37	11	37	1 7/16	20
LCC1-56B-E	5/16		0.75	0.70	1.36	0.11	3.25	Green	P37	11	37	1 7/16	20	
LCC1-56C-E	5/16		0.88	0.70	1.36	0.11	3.37	Green	P37	11	37	1 7/16	20	
LCC1-38D-E	3/8		1.00	0.70	1.36	0.11	3.57	Green	P37	11	37	1 7/16	20	
LCC1-12-E	1/2		1.75	0.75	1.36	0.09	4.74	Green	P37	11	37	1 7/16	20	

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

Table continues on page D2.42





Code Conductor, Two-Hole, Long Barrel Lug (continued)

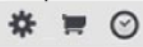
- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
- D2. Power Connectors
- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
				W	B	T	L							
LCC1/0-14A-X	1/0 AWG	1/4	0.63	0.76	1.44	0.12	3.18	Pink	P42	12	42	1 1/2	10	
LCC1/0-14B-X		1/4	0.75	0.76	1.44	0.12	3.31	Pink	P42	12	42	1 1/2	10	
LCC1/0-56C-X		5/16	0.88	0.76	1.44	0.12	3.49	Pink	P42	12	42	1 1/2	10	
LCC1/0-56D-X		5/16	1.00	0.76	1.44	0.12	3.61	Pink	P42	12	42	1 1/2	10	
LCC1/0-38D-X		3/8	1.00	0.76	1.44	0.12	3.69	Pink	P42	12	42	1 1/2	10	
LCC1/0-12D-X		1/2	1.00	0.80	1.44	0.12	3.95	Pink	P42	12	42	1 1/2	10	
LCC1/0-12-X		1/2	1.75	0.80	1.44	0.12	4.86	Pink	P42	12	42	1 1/2	10	
LCC2/0-14A-X		2/0 AWG	1/4	0.63	0.85	1.50	0.13	3.38	Black	P45	13	45	1 9/16	10
LCC2/0-14B-X			1/4	0.75	0.85	1.50	0.13	3.51	Black	P45	13	45	1 9/16	10
LCC2/0-56D-X			5/16	1.00	0.85	1.50	0.13	3.76	Black	P45	13	45	1 9/16	10
LCC2/0-38D-X	3/8		1.00	0.85	1.50	0.13	3.82	Black	P45	13	45	1 9/16	10	
LCC2/0-12D-X	1/2		1.00	0.85	1.50	0.13	4.07	Black	P45	13	45	1 9/16	10	
LCC2/0-12-X	1/2		1.75	0.85	1.50	0.13	4.98	Black	P45	13	45	1 9/16	10	
LCC3/0-14B-X	3/0 AWG		1/4	0.75	0.96	1.50	0.13	3.56	Orange	P50	14	50	1 9/16	10
LCC3/0-38D-X			3/8	1.00	0.96	1.50	0.13	3.87	Orange	P50	14	50	1 9/16	10
LCC3/0-12D-X			1/2	1.00	0.96	1.50	0.13	4.12	Orange	P50	14	50	1 9/16	10
LCC3/0-12-X			1/2	1.75	0.96	1.50	0.13	5.03	Orange	P50	14	50	1 9/16	10
LCC4/0-14B-X		4/0 AWG	1/4	0.75	1.06	1.56	0.14	3.66	Purple	P54	15	54	1 5/8	10
LCC4/0-56D-X	5/16		1.00	1.06	1.56	0.14	3.92	Purple	P54	15	54	1 5/8	10	
LCC4/0-38D-X	3/8		1.00	1.06	1.56	0.14	3.99	Purple	P54	15	54	1 5/8	10	
LCC4/0-38-X	3/8		1.75	1.06	1.56	0.14	4.74	Purple	P54	15	54	1 5/8	10	
LCC4/0-12D-X	1/2		1.00	1.06	1.56	0.14	4.22	Purple	P54	15	54	1 5/8	10	
LCC4/0-12-X	1/2		1.75	1.06	1.56	0.14	5.13	Purple	P54	15	54	1 5/8	10	
LCC250-38D-X	250 kcmil		3/8	1.00	1.17	1.60	0.14	4.09	Yellow	P62	16	62	1 11/16	10
LCC250-12D-X			1/2	1.00	1.17	1.60	0.14	4.32	Yellow	P62	16	62	1 11/16	10
LCC250-12-X			1/2	1.75	1.17	1.60	0.14	5.23	Yellow	P62	16	62	1 11/16	10
LCC300-38D-X	300 kcmil		3/8	1.00	1.19	2.24	0.16	4.76	White	P66	17	66	2 5/16	10
LCC300-12-X		1/2	1.75	1.19	2.24	0.16	5.94	White	P66	17	66	2 5/16	10	
LCC350-14B-X	350 kcmil	1/4	0.75	1.28	2.24	0.17	4.33	Red	P71	18	71	2 5/16	10	
LCC350-38D-X		3/8	1.00	1.28	2.24	0.17	4.81	Red	P71	18	71	2 5/16	10	
LCC350-12-X		1/2	1.75	1.28	2.24	0.17	5.99	Red	P71	18	71	2 5/16	10	
LCC400-14B-6		400 kcmil	1/4	0.75	1.39	2.30	0.18	4.44	Blue	P76	19	76	2 3/8	6
LCC400-38D-6	3/8		1.00	1.39	2.30	0.18	4.92	Blue	P76	19	76	2 3/8	6	
LCC400-12-6	1/2		1.75	1.39	2.30	0.18	6.10	Blue	P76	19	76	2 3/8	6	
LCC500-14B-6	500 kcmil		1/4	0.75	1.54	2.50	0.22	4.70	Brown	P87	20	87	2 9/16	6
LCC500-38D-6		3/8	1.00	1.54	2.50	0.22	5.18	Brown	P87	20	87	2 9/16	6	
LCC500-12-6		1/2	1.75	1.54	2.50	0.22	6.36	Brown	P87	20	87	2 9/16	6	
LCC600-38D-6	600 kcmil	3/8	1.00	1.70	2.69	0.26	5.45	Green	P94	22	94	2 3/4	6	
LCC600-12-6		1/2	1.75	1.70	2.69	0.26	6.63	Green	P94	22	94	2 3/4	6	
LCC750-38D-6	750 kcmil	3/8	1.00	1.89	2.87	0.26	6.10	Black	P106	24	106	2 15/16	6	
LCC750-12-6		1/2	1.75	1.89	2.87	0.26	7.04	Black	P106	24	106	2 15/16	6	
LCC800-12-6	800 kcmil	1/2	1.75	1.95	2.94	0.29	7.13	Orange	P107	25	—	3	6	
LCC1000-38D-3	1000 kcmil	3/8	1.00	2.17	3.00	0.32	6.35	White	P125	27	125	3 1/16	3	
LCC1000-12-3		1/2	1.75	2.17	3.00	0.32	7.29	White	P125	27	125	3 1/16	3	

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





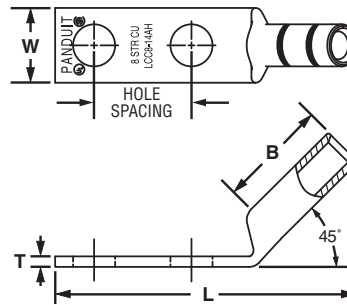
Code Conductor, Two-Hole, Long Barrel Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCC-H

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCC8-10AH-L	#8 AWG	#10	0.63	0.41	0.70	0.08	1.86	Red	P21	49	21	3/4	50
LCC8-14AH-L		1/4	0.63	0.48	0.70	0.07	1.94	Red	P21	49	21	3/4	50
LCC8-14BH-L		1/4	0.75	0.48	0.70	0.07	2.06	Red	P21	49	21	3/4	50
LCC8-14DH-L		1/4	1.00	0.48	0.70	0.07	2.31	Red	P21	49	21	3/4	50
LCC8-38DH-L		3/8	1.00	0.60	0.70	0.05	2.52	Red	P21	49	21	3/4	50
LCC6-10AH-L	#6 AWG	#10	0.63	0.46	1.07	0.08	2.14	Blue	P24	7	24	1 1/8	50
LCC6-14AH-L		1/4	0.63	0.48	1.07	0.08	2.23	Blue	P24	7	24	1 1/8	50
LCC6-14BH-L		1/4	0.75	0.48	1.07	0.08	2.35	Blue	P24	7	24	1 1/8	50
LCC6-14DH-L		1/4	1.00	0.48	1.07	0.08	2.60	Blue	P24	7	24	1 1/8	50
LCC6-38DH-L		3/8	1.00	0.62	1.07	0.06	2.81	Blue	P24	7	24	1 1/8	50
LCC4-14AH-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	0.63	0.55	1.05	0.09	2.26	Gray	P29	8	29	1 1/8	50
LCC4-14BH-L		1/4	0.75	0.55	1.05	0.09	2.38	Gray	P29	8	29	1 1/8	50
LCC4-38DH-L		3/8	1.00	0.62	1.05	0.08	2.84	Gray	P29	8	29	1 1/8	50
LCC2-14AH-Q	#2 AWG	1/4	0.63	0.60	1.16	0.10	2.38	Brown	P33	10	33	1 1/4	25
LCC2-14BH-Q		1/4	0.75	0.60	1.16	0.10	2.50	Brown	P33	10	33	1 1/4	25
LCC2-56BH-Q		5/16	0.75	0.66	1.16	0.10	2.62	Brown	P33	10	33	1 1/4	25
LCC2-56CH-Q		5/16	0.88	0.66	1.16	0.10	2.75	Brown	P33	10	33	1 1/4	25
LCC2-38DH-Q		3/8	1.00	0.66	1.16	0.10	2.95	Brown	P33	10	33	1 1/4	25
LCC2-38H-Q		3/8	1.75	0.66	1.16	0.10	3.70	Brown	P33	10	33	1 1/4	25
LCC2-12H-Q		1/2	1.75	0.75	1.16	0.08	4.10	Brown	P33	10	33	1 1/4	25

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

Table continues on page D2.44



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code Conductor, Two-Hole, Long Barrel Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCC1-14AH-E	#1 AWG	1/4	0.63	0.70	1.36	0.11	2.53	Green	P37	11	37	1 7/16	20
LCC1-14BH-E		1/4	0.75	0.70	1.36	0.11	2.66	Green	P37	11	37	1 7/16	20
LCC1-56BH-E		5/16	0.75	0.70	1.36	0.11	2.78	Green	P37	11	37	1 7/16	20
LCC1-56CH-E		5/16	0.88	0.70	1.36	0.11	2.91	Green	P37	11	37	1 7/16	20
LCC1-38DH-E		3/8	1.00	0.70	1.36	0.11	3.11	Green	P37	11	37	1 7/16	20
LCC1-12H-E		1/2	1.75	0.75	1.36	0.09	4.27	Green	P37	11	37	1 7/16	20
LCC1/0-14AH-X		1/0 AWG	1/4	0.63	0.76	1.44	0.12	2.69	Pink	P42	12	42	1 1/2
LCC1/0-14BH-X	1/4		0.75	0.76	1.44	0.12	2.81	Pink	P42	12	42	1 1/2	10
LCC1/0-56CH-X	5/16		0.88	0.76	1.44	0.12	2.99	Pink	P42	12	42	1 1/2	10
LCC1/0-56DH-X	5/16		1.00	0.76	1.44	0.12	3.12	Pink	P42	12	42	1 1/2	10
LCC1/0-38DH-X	3/8		1.00	0.76	1.44	0.12	3.19	Pink	P42	12	42	1 1/2	10
LCC1/0-12DH-X	1/2		1.00	0.80	1.44	0.12	3.46	Pink	P42	12	42	1 1/2	10
LCC1/0-12H-X	1/2		1.75	0.80	1.44	0.12	4.36	Pink	P42	12	42	1 1/2	10
LCC2/0-14AH-X	2/0 AWG	1/4	0.63	0.85	1.50	0.13	2.87	Black	P45	13	45	1 9/16	10
LCC2/0-14BH-X		1/4	0.75	0.85	1.50	0.13	2.99	Black	P45	13	45	1 9/16	10
LCC2/0-56DH-X		5/16	1.00	0.85	1.50	0.13	3.24	Black	P45	13	45	1 9/16	10
LCC2/0-38DH-X		3/8	1.00	0.85	1.50	0.13	3.31	Black	P45	13	45	1 9/16	10
LCC2/0-12DH-X		1/2	1.00	0.85	1.50	0.13	3.56	Black	P45	13	45	1 9/16	10
LCC2/0-12H-X		1/2	1.75	0.85	1.50	0.13	4.47	Black	P45	13	45	1 9/16	10
LCC3/0-14BH-X		3/0 AWG	1/4	0.75	0.96	1.50	0.13	3.02	Orange	P50	14	50	1 9/16
LCC3/0-38DH-X	3/8		1.00	0.96	1.50	0.13	3.33	Orange	P50	14	50	1 9/16	10
LCC3/0-12DH-X	1/2		1.00	0.96	1.50	0.13	3.58	Orange	P50	14	50	1 9/16	10
LCC3/0-12H-X	1/2		1.75	0.96	1.50	0.13	4.50	Orange	P50	14	50	1 9/16	10
LCC4/0-14BH-X	4/0 AWG	1/4	0.75	1.06	1.56	0.14	3.11	Purple	P54	15	54	1 5/8	10
LCC4/0-56DH-X		5/16	1.00	1.06	1.56	0.14	3.37	Purple	P54	15	54	1 5/8	10
LCC4/0-38DH-X		3/8	1.00	1.06	1.56	0.14	3.44	Purple	P54	15	54	1 5/8	10
LCC4/0-38H-X		3/8	1.75	1.06	1.56	0.14	4.19	Purple	P54	15	54	1 5/8	10
LCC4/0-12DH-X		1/2	1.00	1.06	1.56	0.14	3.67	Purple	P54	15	54	1 5/8	10
LCC4/0-12H-X		1/2	1.75	1.06	1.56	0.14	4.58	Purple	P54	15	54	1 5/8	10
LCC250-38DH-X		250 kcmil	3/8	1.00	1.17	1.61	0.14	3.51	Yellow	P62	16	62	1 11/16
LCC250-12DH-X	1/2		1.00	1.17	1.61	0.14	3.74	Yellow	P62	16	62	1 11/16	10
LCC250-12H-X	1/2		1.75	1.17	1.61	0.14	4.65	Yellow	P62	16	62	1 11/16	10
LCC300-38DH-X	300 kcmil	3/8	1.00	1.19	2.24	0.16	4.05	White	P66	17	66	2 5/16	10
LCC300-12H-X		1/2	1.75	1.19	2.24	0.16	5.23	White	P66	17	66	2 5/16	10
LCC350-14BH-X	350 kcmil	1/4	0.75	1.28	2.24	0.17	3.61	Red	P71	18	71	2 5/16	10
LCC350-38DH-X		3/8	1.00	1.28	2.24	0.17	4.09	Red	P71	18	71	2 5/16	10
LCC350-12H-X		1/2	1.75	1.28	2.24	0.17	5.27	Red	P71	18	71	2 5/16	10
LCC400-14BH-6	400 kcmil	1/4	0.75	1.39	2.30	0.18	3.70	Blue	P76	19	76	2 3/8	6
LCC400-38DH-6		3/8	1.00	1.39	2.30	0.18	4.18	Blue	P76	19	76	2 3/8	6
LCC400-12H-6		1/2	1.75	1.39	2.30	0.18	5.36	Blue	P76	19	76	2 3/8	6
LCC500-14BH-6	500 kcmil	1/4	0.75	1.54	2.50	0.22	3.91	Brown	P87	20	87	2 9/16	6
LCC500-38DH-6		3/8	1.00	1.54	2.50	0.22	4.39	Brown	P87	20	87	2 9/16	6
LCC500-12H-6		1/2	1.75	1.54	2.50	0.22	5.57	Brown	P87	20	87	2 9/16	6
LCC600-38DH-6	600 kcmil	3/8	1.00	1.70	2.69	0.26	4.61	Green	P94	22	94	2 3/4	6
LCC600-12H-6		1/2	1.75	1.70	2.69	0.26	5.79	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





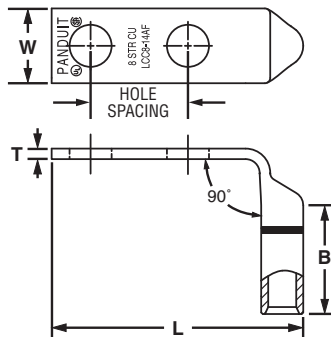
Code Conductor, Two-Hole, Long Barrel Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCC-F

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdly Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCC8-10AF-L	#8 AWG	#10	0.63	0.41	0.70	0.08	1.53	Red	P21	49	21	3/4	50
LCC8-14AF-L		1/4	0.63	0.48	0.70	0.07	1.62	Red	P21	49	21	3/4	50
LCC8-14BF-L		1/4	0.75	0.48	0.70	0.07	1.74	Red	P21	49	21	3/4	50
LCC8-14DF-L		1/4	1.00	0.48	0.70	0.07	1.99	Red	P21	49	21	3/4	50
LCC8-38DF-L		3/8	1.00	0.60	0.70	0.05	2.21	Red	P21	49	21	3/4	50
LCC6-10AF-L	#6 AWG	#10	0.63	0.46	1.07	0.08	1.57	Blue	P24	7	24	1 1/8	50
LCC6-14AF-L		1/4	0.63	0.48	1.07	0.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14BF-L		1/4	0.75	0.48	1.07	0.08	1.78	Blue	P24	7	24	1 1/8	50
LCC6-14DF-L		1/4	1.00	0.48	1.07	0.08	2.03	Blue	P24	7	24	1 1/8	50
LCC6-38DF-L		3/8	1.00	0.62	1.07	0.05	2.25	Blue	P24	7	24	1 1/8	50
LCC4-14AF-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	0.63	0.55	1.05	0.09	1.74	Gray	P29	8	29	1 1/8	50
LCC4-14BF-L		1/4	0.75	0.55	1.05	0.09	1.87	Gray	P29	8	29	1 1/8	50
LCC4-38DF-L		3/8	1.00	0.62	1.05	0.08	2.34	Gray	P29	8	29	1 1/8	50
LCC2-14AF-Q	#2 AWG	1/4	0.63	0.60	1.16	0.10	1.86	Brown	P33	10	33	1 1/4	25
LCC2-14BF-Q		1/4	0.75	0.60	1.16	0.10	1.99	Brown	P33	10	33	1 1/4	25
LCC2-56BF-Q		5/16	0.75	0.66	1.16	0.10	2.11	Brown	P33	10	33	1 1/4	25
LCC2-56CF-Q		5/16	0.88	0.66	1.16	0.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-38DF-Q		3/8	1.00	0.66	1.16	0.10	2.44	Brown	P33	10	33	1 1/4	25
LCC2-38F-Q		3/8	1.75	0.66	1.16	0.10	3.19	Brown	P33	10	33	1 1/4	25
LCC2-12F-Q		1/2	1.75	0.75	1.16	0.08	3.61	Brown	P33	10	33	1 1/4	25

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

Table continues on page D2.46



A. System Overview



Code Conductor, Two-Hole, Long Barrel Lug, 90° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.		
				W	B	T	L								
LCC1-14AF-E	#1 AWG	1/4	0.63	0.70	1.36	0.11	1.94	Green	P37	11	37	1 7/16	20		
LCC1-14BF-E		1/4	0.75	0.70	1.36	0.11	2.06	Green	P37	11	37	1 7/16	20		
LCC1-56BF-E		5/16	0.75	0.70	1.36	0.11	2.19	Green	P37	11	37	1 7/16	20		
LCC1-56CF-E		5/16	0.88	0.70	1.36	0.11	2.31	Green	P37	11	37	1 7/16	20		
LCC1-38DF-E		3/8	1.00	0.70	1.36	0.11	2.51	Green	P37	11	37	1 7/16	20		
LCC1-12F-E		1/2	1.75	0.75	1.36	0.09	3.68	Green	P37	11	37	1 7/16	20		
LCC1/0-14AF-X		1/4	0.63	0.76	1.44	0.12	2.08	Pink	P42	12	42	1 1/2	10		
LCC1/0-14BF-X		1/4	0.75	0.76	1.44	0.12	2.20	Pink	P42	12	42	1 1/2	10		
LCC1/0-56CF-X	1/0 AWG	5/16	0.88	0.76	1.44	0.12	2.38	Pink	P42	12	42	1 1/2	10		
LCC1/0-56DF-X		5/16	1.00	0.76	1.44	0.12	2.51	Pink	P42	12	42	1 1/2	10		
LCC1/0-38DF-X		3/8	1.00	0.76	1.44	0.12	2.58	Pink	P42	12	42	1 1/2	10		
LCC1/0-12DF-X		1/2	1.00	0.80	1.44	0.12	2.85	Pink	P42	12	42	1 1/2	10		
LCC1/0-12F-X		1/2	1.75	0.80	1.44	0.12	3.75	Pink	P42	12	42	1 1/2	10		
LCC2/0-14AF-X		1/4	0.63	0.85	1.50	0.13	2.22	Black	P45	13	45	1 9/16	10		
LCC2/0-14BF-X		1/4	0.75	0.85	1.50	0.13	2.34	Black	P45	13	45	1 9/16	10		
LCC2/0-56DF-X		5/16	1.00	0.85	1.50	0.13	2.59	Black	P45	13	45	1 9/16	10		
LCC2/0-38DF-X	2/0 AWG	3/8	1.00	0.85	1.50	0.13	2.66	Black	P45	13	45	1 9/16	10		
LCC2/0-12DF-X		1/2	1.00	0.85	1.50	0.13	2.85	Black	P45	13	45	1 9/16	10		
LCC2/0-12F-X		1/2	1.75	0.85	1.50	0.13	3.82	Black	P45	13	45	1 9/16	10		
LCC3/0-14BF-X		1/4	0.75	0.96	1.50	0.13	2.42	Orange	P50	14	50	1 9/16	10		
LCC3/0-38DF-X		3/8	1.00	0.96	1.50	0.13	2.73	Orange	P50	14	50	1 9/16	10		
LCC3/0-12DF-X		1/2	1.00	0.96	1.50	0.13	2.98	Orange	P50	14	50	1 9/16	10		
LCC3/0-12F-X		1/2	1.75	0.96	1.50	0.13	3.89	Orange	P50	14	50	1 9/16	10		
LCC4/0-14BF-X		3/0 AWG	1/4	0.75	1.06	1.56	0.14	2.50	Purple	P54	15	54	1 5/8	10	
LCC4/0-56DF-X	5/16		1.00	1.06	1.56	0.14	2.77	Purple	P54	15	54	1 5/8	10		
LCC4/0-38DF-X	3/8		1.00	1.06	1.56	0.14	2.84	Purple	P54	15	54	1 5/8	10		
LCC4/0-38F-X	3/8		1.75	1.06	1.56	0.14	3.59	Purple	P54	15	54	1 5/8	10		
LCC4/0-12DF-X	1/2		1.00	1.06	1.56	0.14	3.07	Purple	P54	15	54	1 5/8	10		
LCC4/0-12F-X	1/2		1.75	1.06	1.56	0.14	3.98	Purple	P54	15	54	1 5/8	10		
LCC250-38DF-X	250 kcmil		3/8	1.00	1.17	1.61	0.14	2.90	Yellow	P62	16	62	1 11/16	10	
LCC250-12DF-X			1/2	1.00	1.17	1.61	0.14	3.13	Yellow	P62	16	62	1 11/16	10	
LCC250-12F-X		1/2	1.75	1.17	1.61	0.14	4.04	Yellow	P62	16	62	1 11/16	10		
LCC300-38DF-X		300 kcmil	3/8	1.00	1.19	2.24	0.16	2.88	White	P66	17	66	2 5/16	10	
LCC300-12F-X			1/2	1.75	1.19	2.24	0.16	4.06	White	P66	17	66	2 5/16	10	
LCC350-14BF-X			350 kcmil	1/4	0.75	1.28	2.24	0.17	2.46	Red	P71	18	71	2 5/16	10
LCC350-38DF-X				3/8	1.00	1.28	2.24	0.17	2.94	Red	P71	18	71	2 5/16	10
LCC350-12F-X				1/2	1.75	1.28	2.24	0.17	4.12	Red	P71	18	71	2 5/16	10
LCC400-14BF-6	400 kcmil			1/4	0.75	1.39	2.30	0.18	2.54	Blue	P76	19	76	2 3/8	6
LCC400-38DF-6				3/8	1.00	1.39	2.30	0.18	3.02	Blue	P76	19	76	2 3/8	6
LCC400-12F-6				1/2	1.75	1.39	2.30	0.18	4.20	Blue	P76	19	76	2 3/8	6
LCC500-14BF-6		500 kcmil		1/4	0.75	1.54	2.50	0.22	2.65	Brown	P87	20	87	2 9/16	6
LCC500-38DF-6				3/8	1.00	1.54	2.50	0.22	3.13	Brown	P87	20	87	2 9/16	6
LCC500-12F-6			1/2	1.75	1.54	2.50	0.22	4.31	Brown	P87	20	87	2 9/16	6	
LCC600-38DF-6			600 kcmil	3/8	1.00	1.70	2.69	0.26	3.26	Green	P94	22	94	2 3/4	6
LCC600-12F-6				1/2	1.75	1.70	2.69	0.26	4.44	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Code Conductor, Two-Hole, Long Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCC-W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

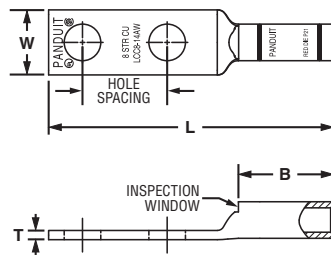


Figure 1

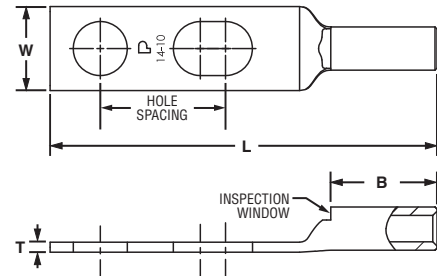


Figure 2: Slotted

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC10-14JAW-L*	2	#14 – 10 AWG STR, #12 – 10 AWG SOL	1/4	.50 – .63	.42	.53	.05	1.93	—	—	—	—	9/16	50
LCC10-14AW-L*	1		1/4	.63	.42	.53	.05	1.93	—	—	—	—	9/16	50
LCC10-14BW-L*	1		1/4	.75	.42	.53	.05	2.06	—	—	—	—	9/16	50
LCC8-10AW-L	1	#8 AWG	#10	.63	.41	.70	.08	2.01	Red	P21	49	21	3/4	50
LCC8-10BW-L	1		#10	.75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCC8-10ABW-L	2		#10	.63 – .75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCC8-14AW-L	1		1/4	.63	.48	.70	.07	2.10	Red	P21	49	21	3/4	50
LCC8-14BW-L	1		1/4	.75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCC8-14ABW-L	2		1/4	.63 – .75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCC8-14DW-L	1		1/4	1.00	.48	.70	.07	2.48	Red	P21	49	21	3/4	50
LCC8-38DW-L	1		3/8	1.00	.60	.70	.05	2.70	Red	P21	49	21	3/4	50
LCC6-10AW-L	1		#6 AWG	#10	.63	.46	1.07	.08	2.40	Blue	P24	7	24	1 1/8
LCC6-10BW-L	1	#10		.75	.46	1.07	.08	2.52	Blue	P24	7	24	1 1/8	50
LCC6-10ABW-L	2	#10		.63 – .75	.46	1.07	.08	2.52	Blue	P24	7	24	1 1/8	50
LCC6-14JW-L	1	1/4		.50	.48	1.07	.08	2.36	Blue	P24	7	24	1 1/8	50
LCC6-14AW-L	1	1/4		.63	.48	1.07	.08	2.49	Blue	P24	7	24	1 1/8	50
LCC6-14JAW-L	2	1/4		.50 – .63	.48	1.07	.08	2.49	Blue	P24	7	24	1 1/8	50
LCC6-14BW-L	1	1/4		.75	.48	1.07	.08	2.61	Blue	P24	7	24	1 1/8	50
LCC6-14DW-L	1	1/4		1.00	.48	1.07	.08	2.86	Blue	P24	7	24	1 1/8	50
LCC6-14BDW-L	2	1/4		.75 – 1.00	.48	1.07	.08	2.86	Blue	P24	7	24	1 1/8	50
LCC6-14EW-L	1	1/4		1.25	.48	1.07	.08	3.11	Blue	P24	7	24	1 1/8	50
LCC6-14W-L	1	1/4		1.75	.48	1.07	.08	3.61	Blue	P24	7	24	1 1/8	50
LCC6-56BW-L	1	5/16		.75	.56	1.07	.07	2.73	Blue	P24	7	24	1 1/8	50
LCC6-38BW-L	1	3/8		.75	.62	1.07	.06	2.83	Blue	P24	7	24	1 1/8	50
LCC6-38CW-L	1	3/8		.88	.62	1.07	.06	2.96	Blue	P24	7	24	1 1/8	50
LCC6-38DW-L	1	3/8		1.00	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCC6-38BDW-L	2	3/8		.75 – 1.00	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCC6-12W-L	1	1/2		1.75	.75	1.07	0.07	3.97	Blue	P24	7	24	1 1/8	50

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

‡NEMA hole sizes and spacing.

Table continues on pages D2.48 – D2.49



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
					W	B	T	L							
LCC4-10AW-L	1	#4 – 3 AWG STR, #2 AWG SOL	#10	.63	.55	1.05	.09	2.40	Gray	P29	8	29	1 1/8	50	
LCC4-10BW-L	1		#10	.75	.55	1.05	.09	2.53	Gray	P29	8	29	1 1/8	50	
LCC4-14AW-L	1		1/4	.63	.55	1.05	.09	2.50	Gray	P29	8	29	1 1/8	50	
LCC4-14BW-L	1		1/4	.75	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50	
LCC4-14DW-L	1		1/4	1.00	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50	
LCC4-14ADW-L	2		1/4	.63 – 1.00	.55	1.05	.09	2.87	Gray	P29	8	29	1 1/8	50	
LCC4-38DW-L	1		3/8	1.00	.62	1.05	.08	3.09	Gray	P29	8	29	1 1/8	50	
LCC4-12W-L	1		1/2	1.75	.75	1.05	0.07	4.01	Gray	P29	8	29	1 1/8	50	
LCC2-10AW-Q	1		#2 AWG	#10	.63	.60	1.16	.10	2.57	Brown	P33	10	33	1 1/4	25
LCC2-10BW-Q	1			#10	.75	.60	1.16	.10	2.69	Brown	P33	10	33	1 1/4	25
LCC2-14AW-Q	1	1/4		.63	.60	1.16	.10	2.67	Brown	P33	10	33	1 1/4	25	
LCC2-14BW-Q	1	1/4		.75	.60	1.16	.10	2.79	Brown	P33	10	33	1 1/4	25	
LCC2-14DW-Q	1	1/4		1.00	.60	1.16	.10	3.04	Brown	P33	10	33	1 1/4	25	
LCC2-56BW-Q	1	5/16		.75	.66	1.16	.10	2.92	Brown	P33	10	33	1 1/4	25	
LCC2-56CW-Q	1	5/16		.88	.66	1.16	.10	3.04	Brown	P33	10	33	1 1/4	25	
LCC2-38BW-Q	1	3/8		.75	.66	1.16	.10	2.99	Brown	P33	10	33	1 1/4	25	
LCC2-38CW-Q	1	3/8		.88	.66	1.16	.10	3.12	Brown	P33	10	33	1 1/4	25	
LCC2-38DW-Q	1	3/8		1.00	.66	1.16	.10	3.24	Brown	P33	10	33	1 1/4	25	
LCC2-38W-Q	1	3/8	1.75	.66	1.16	.10	3.99	Brown	P33	10	33	1 1/4	25		
LCC2-12W-Q	1	1/2	1.75	.75	1.16	.08	4.41	Brown	P33	10	33	1 1/4	25		
LCC1-14AW-E	1	#1 AWG	1/4	.63	.70	1.36	.11	2.89	Green	P37	11	37	1 7/16	20	
LCC1-14BW-E	1		1/4	.75	.70	1.36	.11	3.01	Green	P37	11	37	1 7/16	20	
LCC1-56BW-E	1		5/16	.75	.70	1.36	.11	3.14	Green	P37	11	37	1 7/16	20	
LCC1-56CW-E	1		5/16	.88	.70	1.36	.11	3.26	Green	P37	11	37	1 7/16	20	
LCC1-38DW-E	1		3/8	1.00	.70	1.36	.11	3.46	Green	P37	11	37	1 7/16	20	
LCC1-12W-E	1		1/2	1.75	.75	1.36	.09	4.63	Green	P37	11	37	1 7/16	20	
LCC1/0-14AW-X	1	1/0 AWG	1/4	.63	.76	1.44	.12	3.07	Pink	P42	12	42	1 1/2	10	
LCC1/0-14BW-X	1		1/4	.75	.76	1.44	.12	3.19	Pink	P42	12	42	1 1/2	10	
LCC1/0-14DW-X	1		1/4	1.00	.76	1.44	.12	3.44	Pink	P42	12	42	1 1/2	10	
LCC1/0-38DW-X	1		3/8	1.00	.76	1.44	.12	3.57	Pink	P42	12	42	1 1/2	10	
LCC1/0-38W-X	1		3/8	1.75	.76	1.44	.12	4.32	Pink	P42	12	42	1 1/2	10	
LCC1/0-12DW-X	1		1/2	1.00	.80	1.44	.12	3.84	Pink	P42	12	42	1 1/2	10	
LCC1/0-12W-X	1	1/2	1.75	.80	1.44	.12	4.74	Pink	P42	12	42	1 1/2	10		
LCC2/0-14AW-X	1	2/0 AWG	1/4	.63	.85	1.50	.13	3.23	Black	P45	13	45	1 9/16	10	
LCC2/0-14BW-X	1		1/4	.75	.85	1.50	.13	3.36	Black	P45	13	45	1 9/16	10	
LCC2/0-56DW-X	1		5/16	1.00	.85	1.50	.13	3.61	Black	P45	13	45	1 9/16	10	
LCC2/0-38DW-X	1		3/8	1.00	.85	1.50	.13	3.67	Black	P45	13	45	1 9/16	10	
LCC2/0-12DW-X	1		1/2	1.00	.85	1.50	.13	3.92	Black	P45	13	45	1 9/16	10	
LCC2/0-12W-X	1		1/2	1.75	.85	1.50	.13	4.83	Black	P45	13	45	1 9/16	10	

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC3/0-14BW-X	1	3/0 AWG	1/4	.75	.96	1.50	.13	3.39	Orange	P50	14	50	1 9/16	10
LCC3/0-56DW-X	1		5/16	1.00	.96	1.50	.13	3.64	Orange	P50	14	50	1 9/16	10
LCC3/0-38DW-X	1		3/8	1.00	.96	1.50	.13	3.70	Orange	P50	14	50	1 9/16	10
LCC3/0-12DW-X	1		1/2	1.00	.96	1.50	.13	3.95	Orange	P50	14	50	1 9/16	10
LCC3/0-12W-X	1		1/2	1.75	.96	1.50	.13	4.87	Orange	P50	14	50	1 9/16	10
LCC4/0-14AW-X	1	4/0 AWG	1/4	.63	1.06	1.56	.14	3.35	Purple	P54	15	54	1 5/8	10
LCC4/0-14BW-X	1		1/4	.75	1.06	1.56	.14	3.48	Purple	P54	15	54	1 5/8	10
LCC4/0-56DW-X	1		5/16	1.00	1.06	1.56	.14	3.74	Purple	P54	15	54	1 5/8	10
LCC4/0-38DW-X	1		3/8	1.00	1.06	1.56	.14	3.81	Purple	P54	15	54	1 5/8	10
LCC4/0-38W-X	1		3/8	1.75	1.06	1.56	.14	4.56	Purple	P54	15	54	1 5/8	10
LCC4/0-12DW-X	1		1/2	1.00	1.06	1.56	.14	4.04	Purple	P54	15	54	1 5/8	10
◆ LCC4/0-12W-X	1	1/2	1.75	1.06	1.56	.14	4.95	Purple	P54	15	54	1 5/8	10	
LCC250-56DW-X	1	250 kcmil	5/16	1.00	1.17	1.61	.14	3.82	Yellow	P62	16	62	1 11/16	10
LCC250-38DW-X	1		3/8	1.00	1.17	1.61	.14	3.89	Yellow	P62	16	62	1 11/16	10
LCC250-12DW-X	1		1/2	1.00	1.17	1.61	.14	4.12	Yellow	P62	16	62	1 11/16	10
◆ LCC250-12W-X	1	1/2	1.75	1.17	1.61	.14	5.03	Yellow	P62	16	62	1 11/16	10	
LCC300-38DW-X	1	300 kcmil	3/8	1.00	1.19	2.24	.16	4.54	White	P66	17	66	2 5/16	10
◆ LCC300-12W-X	1		1/2	1.75	1.19	2.24	.16	5.72	White	P66	17	66	2 5/16	10
LCC350-14BW-X	1	350 kcmil	1/4	.75	1.28	2.24	.17	4.10	Red	P71	18	71	2 5/16	10
LCC350-38DW-X	1		3/8	1.00	1.28	2.24	.17	4.58	Red	P71	18	71	2 5/16	10
◆ LCC350-12W-X	1		1/2	1.75	1.28	2.24	.17	5.76	Red	P71	18	71	2 5/16	10
LCC400-14BW-6	1	400 kcmil	1/4	.75	1.39	2.30	.18	4.18	Blue	P76	19	76	2 3/8	6
LCC400-38DW-6	1		3/8	1.00	1.39	2.30	.18	4.66	Blue	P76	19	76	2 3/8	6
◆ LCC400-12W-6	1		1/2	1.75	1.28	2.30	.17	5.84	Blue	P76	19	76	2 3/8	6
LCC500-14BW-6	1	500 kcmil	1/4	.75	1.54	2.50	.22	4.46	Brown	P87	20	87	2 9/16	6
LCC500-38DW-6	1		3/8	1.00	1.54	2.50	.22	4.94	Brown	P87	20	87	2 9/16	6
◆ LCC500-12W-6	1		1/2	1.75	1.54	2.50	.22	6.12	Brown	P87	20	87	2 9/16	6
LCC600-38DW-6	1	600 kcmil	3/8	1.00	1.70	2.69	.26	5.18	Green	P94	22	94	2 3/4	6
◆ LCC600-12W-6	1		1/2	1.75	1.70	2.69	.26	6.36	Green	P94	22	94	2 3/4	6
LCC750-38DW-6	1	750 kcmil	3/8	1.00	1.89	2.88	.26	5.71	Black	P106	24	106	2 15/16	6
◆ LCC750-12W-6	1		1/2	1.75	1.89	2.88	.26	6.65	Black	P106	24	106	2 15/16	6
◆ LCC800-12W-6	1	800 kcmil	1/2	1.75	1.95	2.94	.30	6.74	Orange	P107	25	107	3	6
LCC1000-38DW-3	1	1000 kcmil	3/8	1.00	2.17	3.00	.32	5.95	White	P125	27	125	3 1/16	3
◆ LCC1000-12W-3	1		1/2	1.75	2.17	3.00	.32	6.89	White	P125	27	125	3 1/16	3

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

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A. System Overview



Code Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle

B1. Cable Ties

For Use with Stranded Copper Conductors

Type LCC-WH

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

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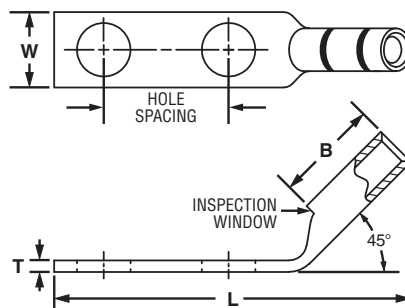


Figure 1

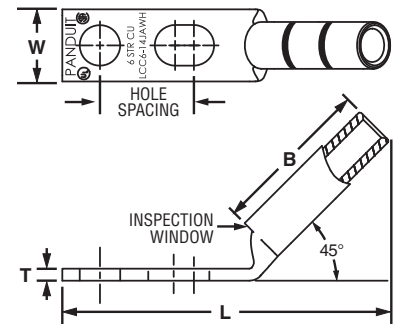


Figure 2: Slotted

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Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC10-14JAWH-L*	2	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.50–0.63	0.42	0.53	0.05	1.78	—	—	—	—	9/16	50
LCC10-14AWH-L*	1		1/4	0.63	0.42	0.53	0.05	1.78	—	—	—	—	9/16	50
LCC10-14BWH-L*	1		1/4	0.75	0.42	0.53	0.05	1.90	—	—	—	—	9/16	50
LCC8-10AWH-L	1	#8 AWG	#10	0.63	0.41	0.70	0.08	1.82	Red	P21	49	21	3/4	50
LCC8-10BWH-L	1		#10	0.75	0.41	0.70	0.08	1.95	Red	P21	49	21	3/4	50
LCC8-14AWH-L	2		1/4	0.63	0.48	0.70	0.07	1.91	Red	P21	49	21	3/4	50
LCC8-14BWH-L	1		1/4	0.75	0.48	0.70	0.07	2.03	Red	P21	49	21	3/4	50
LCC8-14DWH-L	1		1/4	1.00	0.48	0.70	0.07	2.28	Red	P21	49	21	3/4	50
LCC8-38DWH-L	1		3/8	1.00	0.60	0.70	0.05	2.49	Red	P21	49	21	3/4	50
LCC6-10AWH-L	1		#10	0.63	0.46	1.07	0.08	2.09	Blue	P24	7	24	1 1/8	50
LCC6-10BWH-L	1	#10	0.75	0.46	1.07	0.08	2.22	Blue	P24	7	24	1 1/8	50	
LCC6-14JWH-L	1	#6 AWG	1/4	0.50	0.48	1.07	0.08	2.06	Blue	P24	7	24	1 1/8	50
LCC6-14AWH-L	1		1/4	0.63	0.48	1.07	0.08	2.18	Blue	P24	7	24	1 1/8	50
LCC6-14JAWH-L	2		1/4	0.50–0.63	0.48	1.07	0.08	2.08	Blue	P24	7	24	1 1/8	50
LCC6-14BWH-L	1		1/4	0.75	0.48	1.07	0.08	2.31	Blue	P24	7	24	1 1/8	50
LCC6-14DWH-L	1		1/4	1.00	0.48	1.07	0.08	2.56	Blue	P24	7	24	1 1/8	50
LCC6-14EWH-L	1		1/4	1.25	0.48	1.07	0.08	2.81	Blue	P24	7	24	1 1/8	50
LCC6-56BWH-L	1		5/16	0.75	0.56	1.07	0.07	2.42	Blue	P24	7	24	1 1/8	50
LCC6-38BWH-L	1	3/8	0.75	0.62	1.07	0.06	2.52	Blue	P24	7	24	1 1/8	50	
LCC6-38CWH-L	1	3/8	0.88	0.62	1.07	0.06	2.64	Blue	P24	7	24	1 1/8	50	
LCC6-38DWH-L	1	3/8	1.00	0.62	1.07	0.06	2.77	Blue	P24	7	24	1 1/8	50	

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





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Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.	
					W	B	T	L							
LCC4-10AWH-L	1	#4 – #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	1.05	0.09	2.11	Gray	P29	8	29	1 1/8	50	
LCC4-10BWH-L	1		#10	0.75	0.55	1.05	0.09	2.23	Gray	P29	8	29	1 1/8	50	
LCC4-14AWH-L	1		1/4	0.63	0.55	1.05	0.09	2.20	Gray	P29	8	29	1 1/8	50	
LCC4-14BWH-L	1		1/4	0.75	0.55	1.05	0.09	2.32	Gray	P29	8	29	1 1/8	50	
LCC4-38DWH-L	1		3/8	1.00	0.62	1.05	0.08	2.79	Gray	P29	8	29	1 1/8	50	
LCC2-10AWH-Q	1	#2 AWG	#10	0.63	0.60	1.16	0.10	2.21	Brown	P33	10	33	1 1/4	25	
LCC2-10BWH-Q	1		#10	0.75	0.60	1.16	0.10	2.33	Brown	P33	10	33	1 1/4	25	
LCC2-14AWH-Q	1		1/4	0.63	0.60	1.16	0.10	2.31	Brown	P33	10	33	1 1/4	25	
LCC2-14BWH-Q	1		1/4	0.75	0.60	1.16	0.10	2.43	Brown	P33	10	33	1 1/4	25	
LCC2-14DWH-Q	1		1/4	1.00	0.60	1.16	0.10	2.68	Brown	P33	10	33	1 1/4	25	
LCC2-56BWH-Q	1		5/16	0.75	0.66	1.16	0.10	2.55	Brown	P33	10	33	1 1/4	25	
LCC2-56CWH-Q	1		5/16	0.88	0.66	1.16	0.10	2.68	Brown	P33	10	33	1 1/4	25	
LCC2-38BWH-Q	1		3/8	0.75	0.66	1.16	0.10	2.63	Brown	P33	10	33	1 1/4	25	
LCC2-38CWH-Q	1		3/8	0.88	0.66	1.16	0.10	2.75	Brown	P33	10	33	1 1/4	25	
LCC2-38DWH-Q	1		3/8	1.00	0.66	1.16	0.10	2.88	Brown	P33	10	33	1 1/4	25	
LCC2-38WH-Q	1		3/8	1.75	0.66	1.16	0.10	3.63	Brown	P33	10	33	1 1/4	25	
LCC2-12WH-Q	1		1/2	1.75	0.75	1.16	0.08	4.03	Brown	P33	10	33	1 1/4	25	
LCC1-14AWH-E	1		#1 AWG	1/4	0.63	0.70	1.36	0.11	2.46	Green	P37	11	37	1 7/16	20
LCC1-14BWH-E	1			1/4	0.75	0.70	1.36	0.11	2.58	Green	P37	11	37	1 7/16	20
LCC1-56BWH-E	1			5/16	0.75	0.70	1.36	0.11	2.71	Green	P37	11	37	1 7/16	20
LCC1-56CWH-E	1	5/16		0.88	0.70	1.36	0.11	2.83	Green	P37	11	37	1 7/16	20	
LCC1-38DWH-E	1	3/8		1.00	0.70	1.36	0.11	3.04	Green	P37	11	37	1 7/16	20	
LCC1-12WH-E	1	1/2	1.75	0.75	1.36	0.09	4.20	Green	P37	11	37	1 7/16	20		
LCC1/0-14AWH-X	1	1/0 AWG	1/4	0.63	0.76	1.44	0.12	2.61	Pink	P42	12	42	1 1/2	10	
LCC1/0-14BWH-X	1		1/4	0.75	0.76	1.44	0.12	2.73	Pink	P42	12	42	1 1/2	10	
LCC1/0-14DWH-X	1		1/4	1.00	0.76	1.44	0.12	2.98	Pink	P42	12	42	1 1/2	10	
LCC1/0-38DWH-X	1		3/8	1.00	0.76	1.44	0.12	3.11	Pink	P42	12	42	1 1/2	10	
LCC1/0-38WH-X	1		3/8	1.75	0.76	1.44	0.12	3.86	Pink	P42	12	42	1 1/2	10	
LCC1/0-12DWH-X	1	1/2	1.00	0.80	1.44	0.12	3.37	Pink	P42	12	42	1 1/2	10		
LCC1/0-12WH-X	1	1/2	1.75	0.80	1.44	0.12	4.28	Pink	P42	12	42	1 1/2	10		
LCC2/0-14AWH-X	1	2/0 AWG	1/4	0.63	0.85	1.50	0.13	2.76	Black	P45	13	45	1 9/16	10	
LCC2/0-14BWH-X	1		1/4	0.75	0.85	1.50	0.13	2.88	Black	P45	13	45	1 9/16	10	
LCC2/0-56DWH-X	1		5/16	1.00	0.85	1.50	0.13	3.13	Black	P45	13	45	1 9/16	10	
LCC2/0-38DWH-X	1		3/8	1.00	0.85	1.50	0.13	3.20	Black	P45	13	45	1 9/16	10	
LCC2/0-12DWH-X	1		1/2	1.00	0.85	1.50	0.13	3.45	Black	P45	13	45	1 9/16	10	
LCC2/0-12WH-X	1	1/2	1.75	0.85	1.50	0.13	4.36	Black	P45	13	45	1 9/16	10		
LCC3/0-14BWH-X	1	3/0 AWG	1/4	0.75	0.96	1.50	0.13	2.91	Orange	P50	14	50	1 9/16	10	
LCC3/0-56DWH-X	1		5/16	1.00	0.96	1.50	0.13	3.16	Orange	P50	14	50	1 9/16	10	
LCC3/0-38DWH-X	1		3/8	1.00	0.96	1.50	0.13	3.22	Orange	P50	14	50	1 9/16	10	
LCC3/0-12DWH-X	1		1/2	1.00	0.96	1.50	0.13	3.47	Orange	P50	14	50	1 9/16	10	
LCC3/0-12WH-X	1		1/2	1.75	0.96	1.50	0.13	4.38	Orange	P50	14	50	1 9/16	10	
LCC4/0-14AWH-X	1	4/0 AWG	1/4	0.63	1.06	1.56	0.14	2.85	Purple	P54	15	54	1 5/8	10	
LCC4/0-14BWH-X	1		1/4	0.75	1.06	1.56	0.14	2.98	Purple	P54	15	54	1 5/8	10	
LCC4/0-56DWH-X	1		5/16	1.00	1.06	1.56	0.14	3.24	Purple	P54	15	54	1 5/8	10	
LCC4/0-38DWH-X	1		3/8	1.00	1.06	1.56	0.14	3.31	Purple	P54	15	54	1 5/8	10	
LCC4/0-38WH-X	1		3/8	1.75	1.06	1.56	0.14	4.06	Purple	P54	15	54	1 5/8	10	
LCC4/0-12DWH-X	1	1/2	1.00	1.06	1.56	0.14	3.54	Purple	P54	15	54	1 5/8	10		
LCC4/0-12WH-X	1	1/2	1.75	1.06	1.56	0.14	4.45	Purple	P54	15	54	1 5/8	10		

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

Table continues on page D2.52



Request Info



1-800-453-1692

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Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC250-56DWH-X	1	250 kcmil	5/16	1.00	1.17	1.61	0.14	3.31	Yellow	P62	16	62	1 11/16	10
LCC250-38DWH-X	1		3/8	1.00	1.17	1.61	0.14	3.38	Yellow	P62	16	62	1 11/16	10
LCC250-12DWH-X	1		1/2	1.00	1.17	1.61	0.14	3.61	Yellow	P62	16	62	1 11/16	10
◆ LCC250-12WH-X	1	300 kcmil	1/2	1.75	1.17	1.61	0.14	4.52	Yellow	P62	16	62	1 11/16	10
LCC300-38DWH-X	1		3/8	1.00	1.19	2.24	0.16	3.93	White	P66	17	66	2 5/16	10
◆ LCC300-12WH-X	1		1/2	1.75	1.19	2.24	0.16	5.11	White	P66	17	66	2 5/16	10
LCC350-14BWH-X	1	350 kcmil	1/4	0.75	1.28	2.24	0.17	3.48	Red	P71	18	71	2 5/16	10
LCC350-38DWH-X	1		3/8	1.00	1.28	2.24	0.17	3.96	Red	P71	18	71	2 5/16	10
◆ LCC350-12WH-X	1		1/2	1.75	1.28	2.24	0.17	5.14	Red	P71	18	71	2 5/16	10
LCC400-14BWH-6	1	400 kcmil	1/4	0.75	1.39	2.30	0.18	3.59	Blue	P76	19	76	2 3/8	6
LCC400-38DWH-6	1		3/8	1.00	1.39	2.30	0.18	4.07	Blue	P76	19	76	2 3/8	6
◆ LCC400-12WH-6	1		1/2	1.75	1.28	2.30	0.17	5.24	Blue	P76	19	76	2 3/8	6
LCC500-14BWH-6	1	500 kcmil	1/4	0.75	1.54	2.50	0.22	3.80	Brown	P87	20	87	2 9/16	6
LCC500-38DWH-6	1		3/8	1.00	1.54	2.50	0.22	4.29	Brown	P87	20	87	2 9/16	6
◆ LCC500-12WH-6	1		1/2	1.75	1.54	2.50	0.22	5.46	Brown	P87	20	87	2 9/16	6
LCC600-38DWH-6	1	600 kcmil	3/8	1.00	1.70	2.69	0.26	4.47	Green	P94	22	94	2 3/4	6
◆ LCC600-12WH-6	1		1/2	1.75	1.70	2.69	0.26	5.65	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCC-WF

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

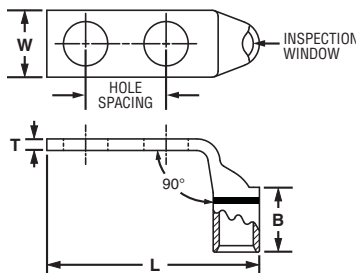


Figure 1

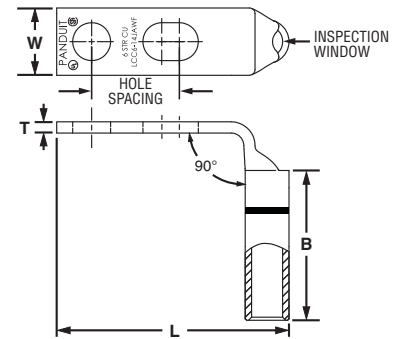


Figure 2: Slotted

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC10-14JAWF-L*	2	#14 – #10 AWG	1/4	0.50 – 0.63	0.42	0.53	0.05	1.56	—	—	—	—	9/16	50
LCC10-14AWF-L*	1	STR, #12	1/4	0.63	0.42	0.53	0.05	1.56	—	—	—	—	9/16	50
LCC10-14BWF-L*	1	– #10 AWG SOL	1/4	0.75	0.42	0.53	0.05	1.69	—	—	—	—	9/16	50
LCC8-10AWF-L	1	#8 AWG	#10	0.63	0.41	0.70	0.08	1.53	Red	P21	49	21	3/4	50
LCC8-10BWF-L	1		#10	0.75	0.41	0.70	0.08	1.65	Red	P21	49	21	3/4	50
LCC8-14AWF-L	1		1/4	0.63	0.48	0.70	0.07	1.61	Red	P21	49	21	3/4	50
LCC8-14BWF-L	1		1/4	0.75	0.48	0.70	0.07	1.74	Red	P21	49	21	3/4	50
LCC8-14DWF-L	1		1/4	1.00	0.48	0.70	0.07	1.99	Red	P21	49	21	3/4	50
LCC8-38DWF-L	1		3/8	1.00	0.60	0.70	0.05	2.21	Red	P21	49	21	3/4	50
LCC6-10AWF-L	1	#6 AWG	#10	0.63	0.46	1.07	0.08	1.57	Blue	P24	7	24	1 1/8	50
LCC6-10BWF-L	1		#10	0.75	0.46	1.07	0.08	1.69	Blue	P24	7	24	1 1/8	50
LCC6-14JWF-L	1		1/4	0.50	0.48	1.07	0.08	1.53	Blue	P24	7	24	1 1/8	50
LCC6-14AWF-L	1		1/4	0.63	0.48	1.07	0.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14JAWF-L	2		1/4	0.50 – 0.63	0.48	1.07	0.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14BWF-L	1		1/4	0.75	0.48	1.07	0.08	1.78	Blue	P24	7	24	1 1/8	50
LCC6-14DWF-L	1		1/4	1.00	0.48	1.07	0.08	2.03	Blue	P24	7	24	1 1/8	50
LCC6-14EWF-L	1		1/4	1.25	0.48	1.07	0.08	2.28	Blue	P24	7	24	1 1/8	50
LCC6-56BWF-L	1		5/16	0.75	0.56	1.07	0.07	1.90	Blue	P24	7	24	1 1/8	50
LCC6-38BWF-L	1		3/8	0.75	0.62	1.07	0.06	2.00	Blue	P24	7	24	1 1/8	50
LCC6-38CWF-L	1		3/8	0.88	0.62	1.07	0.06	2.13	Blue	P24	7	24	1 1/8	50
LCC6-38DWF-L	1		3/8	1.00	0.62	1.07	0.06	2.25	Blue	P24	7	24	1 1/8	50

‡See pages D3.62 – D3.65 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on pages D2.54 — D2.55





Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/Tagout & Safety Solutions
F. Index

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC4-10AWF-L	1	#4 - #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	1.05	0.09	1.65	Gray	P29	8	29	1 1/8	50
LCC4-10BWF-L	1		#10	0.75	0.55	1.05	0.09	1.78	Gray	P29	8	29	1 1/8	50
LCC4-14AWF-L	1		1/4	0.63	0.55	1.05	0.09	1.74	Gray	P29	8	29	1 1/8	50
LCC4-14BWF-L	1		1/4	0.75	0.55	1.05	0.09	1.87	Gray	P29	8	29	1 1/8	50
LCC4-38DWF-L	1	#2 AWG	3/8	1.00	0.62	1.05	0.08	2.34	Gray	P29	8	29	1 1/8	50
LCC2-10AWF-Q	1		#10	0.63	0.60	1.16	0.10	1.76	Brown	P33	10	33	1 1/4	25
LCC2-10BWF-Q	1		#10	0.75	0.60	1.16	0.10	1.89	Brown	P33	10	33	1 1/4	25
LCC2-14AWF-Q	1		1/4	0.63	0.60	1.16	0.10	1.86	Brown	P33	10	33	1 1/4	25
LCC2-14BWF-Q	1		1/4	0.75	0.60	1.16	0.10	1.99	Brown	P33	10	33	1 1/4	25
LCC2-14DWF-Q	1		1/4	1.00	0.60	1.16	0.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-56BWF-Q	1		5/16	0.75	0.66	1.16	0.10	2.11	Brown	P33	10	33	1 1/4	25
LCC2-56CWF-Q	1		5/16	0.88	0.66	1.16	0.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-38BWF-Q	1		3/8	0.75	0.66	1.16	0.10	2.19	Brown	P33	10	33	1 1/4	25
LCC2-38CWF-Q	1		3/8	0.88	0.66	1.16	0.10	2.31	Brown	P33	10	33	1 1/4	25
LCC2-38DWF-Q	1		3/8	1.00	0.66	1.16	0.10	2.44	Brown	P33	10	33	1 1/4	25
LCC2-38WF-Q	1		3/8	1.75	0.66	1.16	0.10	3.19	Brown	P33	10	33	1 1/4	25
LCC2-12WF-Q	1	1/2	1.75	0.75	1.16	0.08	3.61	Brown	P33	10	33	1 1/4	25	
LCC1-14AWF-E	1	#1 AWG	1/4	0.63	0.70	1.36	0.11	1.94	Green	P37	11	37	1 7/16	20
LCC1-14BWF-E	1		1/4	0.75	0.70	1.36	0.11	2.06	Green	P37	11	37	1 7/16	20
LCC1-56BWF-E	1		5/16	0.75	0.70	1.36	0.11	2.19	Green	P37	11	37	1 7/16	20
LCC1-56CWF-E	1		5/16	0.88	0.70	1.36	0.11	2.31	Green	P37	11	37	1 7/16	20
LCC1-38DWF-E	1		3/8	1.00	0.70	1.36	0.11	2.51	Green	P37	11	37	1 7/16	20
LCC1-12WF-E	1		1/2	1.75	0.75	1.36	0.09	3.68	Green	P37	11	37	1 7/16	20
LCC1/0-14AWF-X	1	1/0 AWG	1/4	0.63	0.76	1.44	0.12	2.08	Pink	P42	12	42	1 1/2	10
LCC1/0-14BWF-X	1		1/4	0.75	0.76	1.44	0.12	2.20	Pink	P42	12	42	1 1/2	10
LCC1/0-14DWF-X	1		1/4	1.00	0.76	1.44	0.12	2.45	Pink	P42	12	42	1 1/2	10
LCC1/0-38DWF-X	1		3/8	1.00	0.76	1.44	0.12	2.58	Pink	P42	12	42	1 1/2	10
LCC1/0-38WF-X	1		3/8	1.75	0.76	1.44	0.12	3.33	Pink	P42	12	42	1 1/2	10
LCC1/0-12DWF-X	1		1/2	1.00	0.80	1.44	0.12	2.85	Pink	P42	12	42	1 1/2	10
LCC1/0-12WF-X	1	1/2	1.75	0.80	1.44	0.12	3.75	Pink	P42	12	42	1 1/2	10	
LCC2/0-14AWF-X	1	2/0 AWG	1/4	0.63	0.85	1.50	0.13	2.22	Black	P45	13	45	1 9/16	10
LCC2/0-14BWF-X	1		1/4	0.75	0.85	1.50	0.13	2.34	Black	P45	13	45	1 9/16	10
LCC2/0-56DWF-X	1		5/16	1.00	0.85	1.50	0.13	2.59	Black	P45	13	45	1 9/16	10
LCC2/0-38DWF-X	1		3/8	1.00	0.85	1.50	0.13	2.66	Black	P45	13	45	1 9/16	10
LCC2/0-12DWF-X	1		1/2	1.00	0.85	1.50	0.13	2.91	Black	P45	13	45	1 9/16	10
LCC2/0-12WF-X	1		1/2	1.75	0.85	1.50	0.13	3.82	Black	P45	13	45	1 9/16	10
LCC3/0-14BWF-X	1	3/0 AWG	1/4	0.75	0.96	1.50	0.13	2.42	Orange	P50	14	50	1 9/16	10
LCC3/0-56DWF-X	1		5/16	1.00	0.96	1.50	0.13	2.67	Orange	P50	14	50	1 9/16	10
LCC3/0-38DWF-X	1		3/8	1.00	0.96	1.50	0.13	2.73	Orange	P50	14	50	1 9/16	10
LCC3/0-12DWF-X	1		1/2	1.00	0.96	1.50	0.13	2.98	Orange	P50	14	50	1 9/16	10
LCC3/0-12WF-X	1		1/2	1.75	0.96	1.50	0.13	3.89	Orange	P50	14	50	1 9/16	10
LCC4/0-14AWF-X	1		4/0 AWG	1/4	0.63	1.06	1.56	0.14	2.38	Purple	P54	15	54	1 5/8
LCC4/0-14BWF-X	1	1/4		0.75	1.06	1.56	0.14	2.50	Purple	P54	15	54	1 5/8	10
LCC4/0-56DWF-X	1	5/16		1.00	1.06	1.56	0.14	2.77	Purple	P54	15	54	1 5/8	10
LCC4/0-38DWF-X	1	3/8		1.00	1.06	1.56	0.14	2.84	Purple	P54	15	54	1 5/8	10
LCC4/0-38WF-X	1	3/8		1.75	1.06	1.56	0.14	3.59	Purple	P54	15	54	1 5/8	10
LCC4/0-12DWF-X	1	1/2		1.00	1.06	1.56	0.14	3.07	Purple	P54	15	54	1 5/8	10
LCC4/0-12WF-X	1	1/2	1.75	1.06	1.56	0.14	3.98	Purple	P54	15	54	1 5/8	10	

‡See pages D3.62 - D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC250-56DWF-X	1	250 kcmil	5/16	1.00	1.17	1.61	0.14	2.83	Yellow	P62	16	62	1 11/16	10
LCC250-38DWF-X	1		3/8	1.00	1.17	1.61	0.14	2.90	Yellow	P62	16	62	1 11/16	10
LCC250-12DWF-X	1		1/2	1.00	1.17	1.61	0.14	3.13	Yellow	P62	16	62	1 11/16	10
◆ LCC250-12WF-X	1		1/2	1.75	1.17	1.61	0.14	4.04	Yellow	P62	16	62	1 11/16	10
◆ LCC300-38DWF-X	1	300 kcmil	3/8	1.00	1.19	2.24	0.16	2.88	White	P66	17	66	2 5/16	10
◆ LCC300-12WF-X	1		1/2	1.75	1.19	2.24	0.16	4.06	White	P66	17	66	2 5/16	10
◆ LCC350-14BWF-X	1	350 kcmil	1/4	0.75	1.28	2.24	0.17	2.46	Red	P71	18	71	2 5/16	10
◆ LCC350-38DWF-X	1		3/8	1.00	1.28	2.24	0.17	2.94	Red	P71	18	71	2 5/16	10
◆ LCC350-12WF-X	1		1/2	1.75	1.28	2.24	0.17	4.12	Red	P71	18	71	2 5/16	10
◆ LCC400-14BWF-6	1	400 kcmil	1/4	0.75	1.39	2.30	0.18	2.54	Blue	P76	19	76	2 3/8	6
◆ LCC400-38DWF-6	1		3/8	1.00	1.39	2.30	0.18	3.02	Blue	P76	19	76	2 3/8	6
◆ LCC400-12WF-6	1		1/2	1.75	1.39	2.30	0.18	4.20	Blue	P76	19	76	2 3/8	6
◆ LCC500-14BWF-6	1	500 kcmil	1/4	0.75	1.54	2.50	0.22	2.65	Brown	P87	20	87	2 9/16	6
◆ LCC500-38DWF-6	1		3/8	1.00	1.54	2.50	0.22	3.13	Brown	P87	20	87	2 9/16	6
◆ LCC500-12WF-6	1		1/2	1.75	1.54	2.50	0.22	4.31	Brown	P87	20	87	2 9/16	6
◆ LCC600-38DWF-6	1	600 kcmil	3/8	1.00	1.70	2.69	0.26	3.26	Green	P94	22	94	2 3/4	6
◆ LCC600-12WF-6	1		1/2	1.75	1.70	2.69	0.26	4.44	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



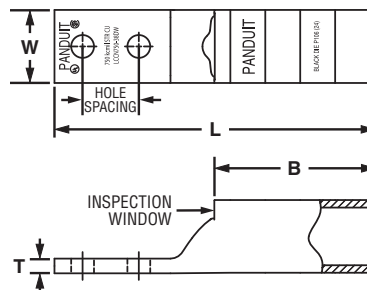
Code Conductor, Two-Hole, Long Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCCN-W

- Narrow tongue width for limited space applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion

- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCCN750-38DW-6	750 kcmil	3/8	1.00	1.30	2.88	0.28	5.72	Black	P106	24	106	2 15/16	6
◆ LCCN750-12W-6	750 kcmil	1/2	1.75	1.30	2.88	0.28	6.66	Black	P106	24	106	2 15/16	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



A. System Overview



Code Conductor, Two-Hole, Long Barrel with Corona Relief Taper Lug

B1. Cable Ties

To Facilitate Use with Stranded Copper Conductors in Applications of 5000 V or More

B2. Cable Accessories

Type LCCH

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing

C1. Wiring Duct



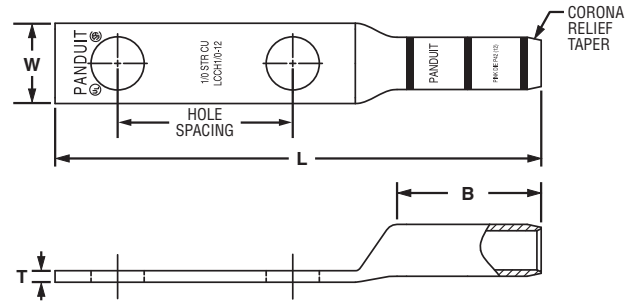
C2. Surface Raceway



Corona Relief Taper

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCCH1/0-12-X	1/0 AWG	1/2	1.75	0.80	1.44	0.12	4.86	Pink	P42	12	42	1 1/2	10
LCCH2/0-12-X	2/0 AWG	1/2	1.75	0.85	1.50	0.13	4.98	Black	P45	13	45	1 9/16	10
LCCH3/0-12-X	3/0 AWG	1/2	1.75	0.96	1.50	0.13	5.03	Orange	P50	14	50	1 9/16	10
◆ LCCH4/0-12-X	4/0 AWG	1/2	1.75	1.06	1.56	0.14	5.13	Purple	P54	15	54	1 5/8	10
◆ LCCH250-12-X	250 kcmil	1/2	1.75	1.17	1.61	0.14	5.23	Yellow	P62	16	62	1 1/16	10
◆ LCCH300-12-X	300 kcmil	1/2	1.75	1.19	2.24	0.16	5.94	White	P66	17	66	2 5/16	10
◆ LCCH350-12-X	350 kcmil	1/2	1.75	1.28	2.24	0.17	5.99	Red	P71	18	71	2 5/16	10
◆ LCCH400-12-6	400 kcmil	1/2	1.75	1.39	2.30	0.18	6.10	Blue	P76	19	76	2 3/8	6
◆ LCCH500-12-6	500 kcmil	1/2	1.75	1.54	2.50	0.22	6.36	Brown	P87	20	87	2 9/16	6
◆ LCCH600-12-6	600 kcmil	1/2	1.75	1.70	2.69	0.26	6.63	Green	P94	22	94	2 3/4	6
◆ LCCH750-12-6	750 kcmil	1/2	1.75	1.89	2.88	0.26	7.04	Black	P106	24	106	2 15/16	6
◆ LCCH1000-12-3	1000 kcmil	1/2	1.75	2.17	3.00	0.32	7.29	White	P125	27	125	3 1/16	3

‡See pages D3.66, D3.67 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Code Conductor, Blank Tongue, Long Barrel Lug

For Use with Stranded Copper Conductors

Type LCC-00

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Recognized and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

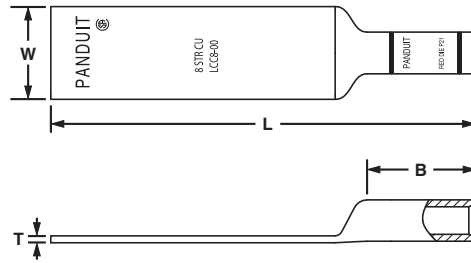


Figure 1

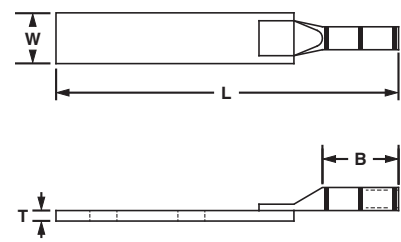


Figure 2: Two-Piece Brazed Tongue Construction

Part Number	Figure No.	Copper Conductor Size	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCC8-00-L	1	#8 AWG	0.60	0.70	0.05	2.75	Red	P21	49	21	3/4	50
LCC6-00-L	2	#6 AWG	0.75	1.13	0.16	5.00	Blue	P24	7	24	1 1/8	50
LCC4-00-L	2	#4 – #3 AWG STR, #2 AWG SOL	0.75	1.13	0.16	5.06	Gray	P29	8	29	1 1/8	50
LCC2-00-Q	1	#2 AWG	0.75	1.16	0.08	4.51	Brown	P33	10	33	1 1/4	25
LCC1-00-E	1	#1 AWG	0.75	1.36	0.09	4.74	Green	P37	11	37	1 7/16	20
LCC1/0-00-X	1	1/0 AWG	0.80	1.44	0.12	4.86	Pink	P42	12	42	1 1/2	10
LCC2/0-00-X	1	2/0 AWG	0.85	1.50	0.13	4.98	Black	P45	13	45	1 9/16	10
LCC3/0-00-X	1	3/0 AWG	0.96	1.50	0.13	5.03	Orange	P50	14	50	1 9/16	10
LCC4/0-00-X	1	4/0 AWG	1.06	1.56	0.14	5.13	Purple	P54	15	54	1 5/8	10
LCC250-00-X	1	250 kcmil	1.17	1.60	0.14	5.23	Yellow	P62	16	62	1 11/16	10
LCC300-00-X	1	300 kcmil	1.19	2.23	0.16	5.94	White	P66	17	66	2 5/16	10
LCC350-00-X	1	350 kcmil	1.28	2.23	0.17	5.99	Red	P71	18	71	2 5/16	10
LCC400-00-6	1	400 kcmil	1.39	2.29	0.18	6.10	Blue	P76	19	76	2 3/8	6
LCC500-00-6	1	500 kcmil	1.54	2.49	0.22	6.36	Brown	P87	20	87	2 9/16	6
LCC600-00-6	1	600 kcmil	1.70	2.68	0.26	6.63	Green	P94	22	94	2 3/4	6
LCC750-00-6	1	750 kcmil	1.89	2.87	0.26	7.04	Black	P106	24	106	2 15/16	6
LCC1000-00-3	1	1000 kcmil	2.17	2.99	0.32	7.29	White	P125	27	125	3 1/16	3

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Code Conductor, Blank Tongue, Long Barrel with Window Lug

B1. Cable Ties

For Use with Stranded Copper Conductors Type LCC-00W

B2. Cable Accessories

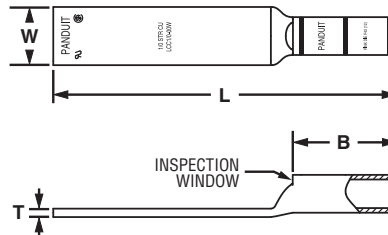
B3. Stainless Steel Ties

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Recognized and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		W	B	T	L						
LCC8-00W-L	#8 AWG	0.60	0.70	0.05	2.70	Red	P21	49	21	3/4	50
LCC6-00W-L	#6 AWG	0.62	1.07	0.06	3.08	Blue	P24	7	24	1 1/8	50
LCC4-00W-L	#4 AWG	0.62	1.05	0.08	3.09	Gray	P29	8	29	1 1/8	50
LCC2-00W-Q	#2 AWG	0.75	1.16	0.08	4.41	Brown	P33	10	33	1 1/4	25
LCC1-00W-E	#1 AWG	0.75	1.36	0.09	4.63	Green	P37	11	37	1 7/16	20
LCC1/0-00W-X	1/0 AWG	0.80	1.44	0.12	4.74	Pink	P42	12	42	1 1/2	10
LCC2/0-00W-X	2/0 AWG	0.85	1.50	0.13	4.83	Black	P45	13	45	1 9/16	10
LCC3/0-00W-X	3/0 AWG	0.96	1.50	0.13	4.87	Orange	P50	14	50	1 9/16	10
LCC4/0-00W-X	4/0 AWG	1.06	1.56	0.14	4.95	Purple	P54	15	54	1 5/8	10
LCC250-00W-X	250 kcmil	1.17	1.61	0.14	5.04	Yellow	P62	16	62	1 11/16	10
LCC300-00W-X	300 kcmil	1.19	2.24	0.16	5.73	White	P66	17	66	2 5/16	10
LCC350-00W-X	350 kcmil	1.28	2.24	0.17	5.77	Red	P71	18	71	2 5/16	10
LCC400-00W-6	400 kcmil	1.28	2.30	0.17	5.85	Blue	P76	19	76	2 3/8	6
LCC500-00W-6	500 kcmil	1.54	2.50	0.22	6.13	Brown	P87	20	87	2 9/16	6
LCC600-00W-6	600 kcmil	1.70	2.69	0.26	6.37	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



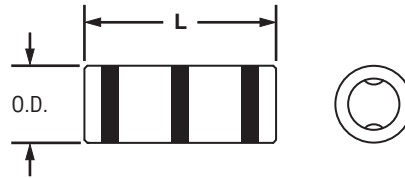


Code Conductor, Short Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCSS

- Short barrel for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Tested by Telcordia – meets NEBS Level 3



Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCSS8-L	#8 AWG	0.27	1.00	Red	P21	49	21	7/16	50
SCSS6-L	#6 AWG	0.31	1.00	Blue	P24	7	24	7/16	50
SCSS4-L	#4 AWG	0.38	1.00	Gray	P29	8	29	7/16	50
SCSS2-Q	#2 AWG	0.42	1.25	Brown	P33	10	33	9/16	25
SCSS1-Q	#1 AWG	0.46	1.44	Green	P37	11	37	11/16	25
SCSS1/0-X	1/0 AWG	0.52	1.44	Pink	P42	12	42	11/16	10
SCSS2/0-X	2/0 AWG	0.58	1.56	Black	P45	13	45	3/4	10
SCSS3/0-X	3/0 AWG	0.64	1.69	Orange	P50	14	50	3/4	10
SCSS4/0-X	4/0 AWG	0.71	1.81	Purple	P54	15	54	13/16	10
SCSS250-X	250 kcmil	0.77	2.19	Yellow	P62	16	62	1 1/16	10

‡See pages D3.56, D3.57 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Code Conductor, Standard Barrel, Butt Splice

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

Type SCS

B3. Stainless Steel Ties

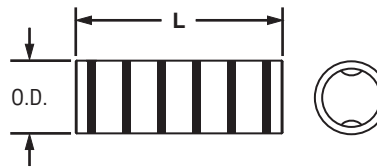
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCS8-L	#8 AWG	0.27	1.50	Red	P21	49	21	11/16	50
SCS6-L	#6 AWG	0.31	1.75	Blue	P24	7	24	13/16	50
SCS4-L	#4 – #3 AWG STR, #2 AWG SOL	0.38	1.75	Gray	P29	8	29	13/16	50
SCS2-Q	#2 AWG	0.42	1.87	Brown	P33	10	33	7/8	25
SCS1-E	#1 AWG	0.47	1.87	Green	P37	11	37	7/8	20
SCS1/0-X	1/0 AWG	0.52	1.87	Pink	P42	12	42	7/8	10
SCS2/0-X	2/0 AWG	0.58	2.00	Black	P45	13	45	15/16	10
SCS3/0-X	3/0 AWG	0.64	2.12	Orange	P50	14	50	1	10
SCS4/0-X	4/0 AWG	0.71	2.12	Purple	P54	15	54	1	10
SCS250-X	250 kcmil	0.77	2.25	Yellow	P62	16	62	1 1/16	10
SCS300-X	300 kcmil	0.81	2.25	White	P66	17	66	1 1/16	10
SCS350-X	350 kcmil	0.87	2.37	Red	P71	18	71	1 1/8	10
SCS400-6	400 kcmil	0.95	2.50	Blue	P76	19	76	1 3/16	6
SCS500-6	500 kcmil	1.05	2.87	Brown	P87	20	87	1 3/8	6
SCS600-6	600 kcmil	1.18	2.87	Green	P94	22	94	1 3/8	6
SCS750-6	750 kcmil	1.29	3.37	Black	P106	24	106	1 5/8	6
SCS1000-3	1000 kcmil	1.50	3.87	White	P125	27	125	1 7/8	3

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



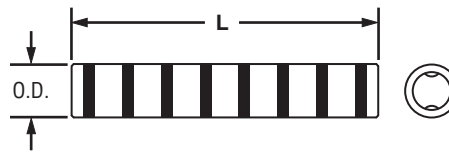


Code Conductor, Long Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCL

- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3



Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCL8-L	#8 AWG	0.27	2.25	Red	P21	49	21	1 1/16	50
SCL6-L	#6 AWG	0.31	2.38	Blue	P24	7	24	1 1/8	50
SCL4-L	#4 – #3 AWG STR, #2 AWG SOL	0.38	2.38	Gray	P29	8	29	1 1/8	50
SCL2-Q	#2 AWG	0.42	2.62	Brown	P33	10	33	1 1/4	25
SCL1-E	#1 AWG	0.47	2.87	Green	P37	11	37	1 3/8	20
SCL1/0-X	1/0 AWG	0.52	2.87	Pink	P42	12	42	1 3/8	10
SCL2/0-X	2/0 AWG	0.58	3.13	Black	P45	13	45	1 1/2	10
SCL3/0-X	3/0 AWG	0.64	3.12	Orange	P50	14	54	1 1/2	10
SCL4/0-X	4/0 AWG	0.71	3.37	Purple	P54	15	54	1 5/8	10
SCL250-X	250 kcmil	0.77	3.38	Yellow	P62	16	62	1 5/8	10
SCL300-X	300 kcmil	0.81	4.12	White	P66	17	66	2	10
SCL350-X	350 kcmil	0.88	4.12	Red	P71	18	71	2	10
SCL400-6	400 kcmil	0.95	4.37	Blue	P76	19	76	2 1/8	6
SCL500-6	500 kcmil	1.06	4.62	Brown	P87	20	87	2 1/4	6
SCL600-6	600 kcmil	1.19	5.50	Green	P94	22	94	2 11/16	6
SCL750-6	750 kcmil	1.30	5.87	Black	P106	24	106	2 7/8	6
SCL1000-3	1000 kcmil	1.50	6.12	White	P125	27	125	3	3

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Code Conductor, Long Barrel with Corona Relief Taper Splice

B1. Cable Ties

To Facilitate Use with Stranded Copper Conductors in Applications of 5000 V or More

Type SCH

B2. Cable Accessories

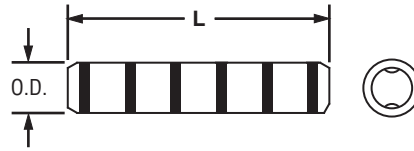
- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCH6-L	#6 AWG	0.31	1.97	Blue	P24	7	24	15/16	50
SCH4-L	#4 AWG	0.38	1.97	Gray	P29	8	29	15/16	50
SCH2-Q	#2 AWG	0.42	2.13	Brown	P33	10	33	1	25
SCH1-E	#1 AWG	0.47	2.13	Green	P37	11	37	1	20
SCH1/0-X	1/0 AWG	0.52	2.13	Pink	P42	12	42	1	10
SCH2/0-X	2/0 AWG	0.58	2.28	Black	P45	13	45	1 1/16	10
SCH3/0-X	3/0 AWG	0.64	2.47	Orange	P50	14	50	1 3/16	10
SCH4/0-X	4/0 AWG	0.71	2.54	Purple	P54	15	54	1 3/16	10
SCH250-X	250 kcmil	0.77	2.63	Yellow	P62	16	62	1 1/4	10
SCH300-X	300 kcmil	0.82	2.69	White	P66	17	66	2	10
SCH350-X	350 kcmil	0.88	2.84	Red	P71	18	71	2	10
SCH500-6	500 kcmil	1.06	3.53	Brown	P87	20	87	2 1/4	6
SCH750-6	750 kcmil	1.30	4.28	Black	P106	24	106	2 7/8	6
SCH1000-3	1000 kcmil	1.50	5.06	White	P125	27	125	3	3

‡See pages D3.66, D3.67 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

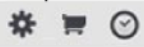
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



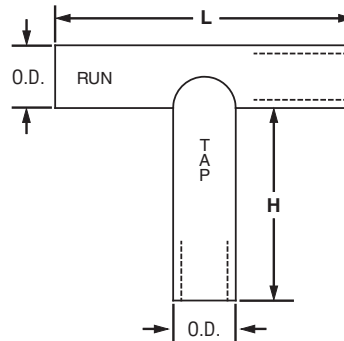
Code Conductor, Long Barrel, T Splice

For Copper-to-Copper Stranded Conductors

Type SCT

- Provides a means of connecting the run conductor and taking off a perpendicular tap
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance

- Run conductor size and tap conductor size marked on each barrel
- 90°C temperature rated and for use up to 600 V when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Copper Conductor Size		Run O.D.	Tap O.D.	Figure Dimensions (In.)		Panduit Color Code and Die Index No.‡		Wire Strip Length (In.)		Std. Pkg. Qty.
	Run	Tap			H	L	Run	Tap	Run	Tap	
	SCT2-2	#2 AWG			#2 AWG	0.42	0.42	1.50	3.88	Brown P33	
SCT1/0-1/0	1/0 AWG	1/0 AWG	0.51	0.51	1.50	4.00	Pink P42	Pink P42	2 1/16	1 9/16	1
SCT2/0-2/0	2/0 AWG	2/0 AWG	0.56	0.56	1.50	4.00	Black P45	Black P45	2 1/16	1 9/16	1
SCT4/0-1/0	4/0 AWG	1/0 AWG	0.69	0.51	1.50	4.00	Purple P54	Pink P42	2 1/16	1 9/16	1
SCT4/0-4/0	4/0 AWG	4/0 AWG	0.69	0.69	1.63	4.19	Purple P54	Purple P54	2 1/8	1 11/16	1
SCT250-250	250 kcmil	250 kcmil	0.75	0.75	1.63	4.25	Yellow P62	Yellow P62	2 3/16	1 11/16	1
SCT300-300	300 kcmil	300 kcmil	0.81	0.81	2.00	5.44	White P66	White P66	2 13/16	2 1/16	1
SCT350-350	350 kcmil	350 kcmil	0.88	0.88	2.00	5.50	Red P71	Red P71	2 13/16	2 1/16	1
SCT500-4/0	500 kcmil	4/0 AWG	1.06	0.69	2.25	5.81	Brown P87	Purple P54	2 15/16	2 5/16	1
SCT500-500	500 kcmil	500 kcmil	1.06	1.06	2.50	6.06	Brown P87	Brown P87	3 1/8	2 9/16	1

‡See pages D3.68, D3.69 for Panduit, Burndy and Thomas and Betts tool and die information.

A. System Overview



Code Conductor, Color-Coded Parallel Splice

B1. Cable Ties

For Use with Stranded Copper Conductors

Type PSC

- Industry recognized color-coding allows proper part selection and quick identification of crimping dies to speed installation
- Large easy-to-read part numbering for verification in demanding low light conditions
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit dieless and die type crimping tools
- Single crimp design speeds installation and reduces labor costs
- Chamfered on both ends to facilitate fast and easy conductor insertion to speed installation

B2. Cable Accessories

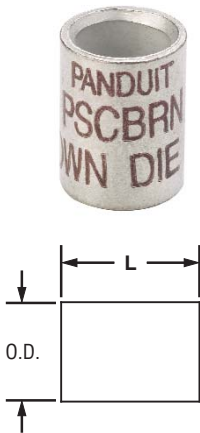
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Part Number	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Barrel O.D.	L				
PSCRED-L	0.27	0.50	Red	P21	7/16	50
PSCBLU-L	0.31	0.50	Blue	P24	7/16	50
PSCGRY-L	0.38	0.50	Gray	P29	7/16	50
PSCBRN-L	0.47	0.62	Brown	P33	11/16	50
PSCGRN-L	0.52	0.62	Green	P37	11/16	50
PSCPnk-L	0.58	0.62	Pink	P42	11/16	50
PSCBLK-Q	0.64	0.81	Black	P45	7/8	25
PSCORG-Q	0.71	0.81	Orange	P50	7/8	25
PSCPUR-Q	0.77	0.88	Purple	P54	1	25
PSCYEL-Q	0.81	1.05	Yellow	P62	1 1/16	25

‡See page D3.82 for tool and die information. For smaller wires sizes, see pages D1.65 – D1.69.

For heat shrink end caps and tubing see pages C3.35 – C3.42.

For thermal transfer labeling solutions see pages E1.1 – E2.22.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



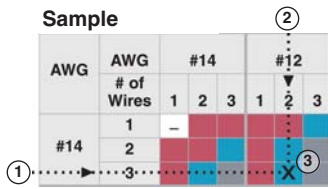
Copper Compression Parallel Splice

How to Use This Guide

Example: (3) #14 AWG wires

(2) #12 AWG wires

- ① In Table 1 find #14 AWG wire size and # of wires on vertical axis.
- ② Find #12 AWG wire size and # of wires on horizontal axis.
- ③ Find the intersection of ① and ② to identify the correct color coded splice, which corresponds to the part number in Table 2. ■ blue = PSCBLU-L
- ④ See tool chart on page D3.78 for proper die index number, wire strip length, and number of crimps.



Part Number	Barrel O.D. (In.)	Length (In.)	Panduit Color Code	Panduit Die Index No.	Std. Pkg. Qty.
PSCRED-L	0.27	0.50	Red	P21	50
PSCBLU-L	0.31	0.50	Blue	P24	50
PSCGRY-L	0.38	0.50	Gray	P29	50
PSCBRN-L	0.47	0.62	Brown	P33	50
PSCGRN-L	0.52	0.62	Green	P37	50
PSCPNK-L	0.58	0.62	Pink	P42	50
PSCBLK-Q	0.64	0.81	Black	P45	25
PSCORG-Q	0.71	0.81	Orange	P50	25
PSCPUR-Q	0.77	0.88	Purple	P54	25
PSCYEL-Q	0.81	1.05	Yellow	P62	25

Table 2

AWG	AWG # of Wires	#14			#12			#10			#8			#6			#4			#2			#1			1/0			2/0			3/0						
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3							
#14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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#8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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#6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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#4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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#2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Table 1



A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window Lug

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

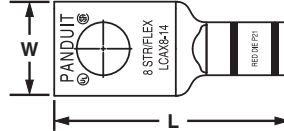
Type LCAX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved

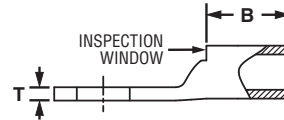
B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX8-10-L	#8 AWG	#8 AWG	#8 AWG	#10	0.41	0.42	0.08	1.11	Red	P21	49	21	1/2	50
LCAX8-14-L				1/4	0.48	0.42	0.07	1.20	Red	P21	49	21	1/2	50
LCAX8-56-L				5/16	0.56	0.42	0.05	1.32	Red	P21	49	21	1/2	50
LCAX8-38-L				3/8	0.60	0.42	0.05	1.42	Red	P21	49	21	1/2	50
LCAX6-10-L	#6 AWG	#6 AWG	#6 AWG	#10	0.45	0.48	0.09	1.19	Blue	P24	7	24	9/16	50
LCAX6-14-L				1/4	0.48	0.48	0.08	1.28	Blue	P24	7	24	9/16	50
LCAX6-56-L				5/16	0.56	0.48	0.07	1.40	Blue	P24	7	24	9/16	50
LCAX6-38-L				3/8	0.62	0.48	0.06	1.50	Blue	P24	7	24	9/16	50
LCAX4-10-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	0.55	0.53	0.09	1.26	Gray	P29	8	29	5/8	50
LCAX4-14-L				1/4	0.55	0.53	0.09	1.35	Gray	P29	8	29	5/8	50
LCAX4-56-L				5/16	0.55	0.53	0.09	1.47	Gray	P29	8	29	5/8	50
LCAX4-38-L				3/8	0.62	0.53	0.07	1.57	Gray	P29	8	29	5/8	50
LCAX2-10-E*	#2 AWG	#2 AWG	#2 AWG	#10	0.70	0.59	0.11	1.40	Brown	P33	10	33	11/16	20
LCAX2-14-E*				1/4	0.70	0.59	0.11	1.50	Brown	P33	10	33	11/16	20
LCAX2-56-E*				5/16	0.70	0.59	0.11	1.63	Brown	P33	10	33	11/16	20
LCAX2-38-E*				3/8	0.70	0.59	0.11	1.70	Brown	P33	10	33	11/16	20
LCAX2-12-E*	#1 AWG	#1 AWG	#1 AWG	1/2	0.75	0.59	0.09	1.94	Brown	P33	10	33	11/16	20
LCAX1-10-X				#10	0.76	0.66	0.12	1.50	Green	P37	11	37	3/4	10
LCAX1-14-X				1/4	0.76	0.66	0.12	1.67	Green	P37	11	37	3/4	10
LCAX1-56-X				5/16	0.76	0.66	0.12	1.72	Green	P37	11	37	3/4	10
LCAX1-38-X	3/8	0.76	0.66	0.12	1.80	Green	P37	11	37	3/4	10			
LCAX1-12-X	1/2	0.80	0.66	0.12	2.03	Green	P37	11	37	3/4	10			

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Flex Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	0.72	0.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-56-X				5/16	0.85	0.72	0.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-38-X				3/8	0.85	0.72	0.13	1.89	Pink	P42	12	42	3/4	10
LCAX1/0-12-X				1/2	0.85	0.72	0.13	2.14	Pink	P42	12	42	3/4	10
LCAX1/0-58-X				5/8	0.96	0.72	0.11	2.38	Pink	P42	12	42	3/4	10
LCAX2/0-10-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	0.96	0.83	0.13	1.72	Black	P45	13	45	7/8	10
LCAX2/0-14-X				1/4	0.96	0.83	0.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-56-X				5/16	0.96	0.83	0.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-38-X				3/8	0.96	0.83	0.13	2.03	Black	P45	13	45	7/8	10
LCAX2/0-12-X				1/2	0.96	0.83	0.13	2.28	Black	P45	13	45	7/8	10
LCAX2/0-58-X	5/8	0.96	0.83	0.13	2.52	Black	P45	13	45	7/8	10			
LCAX3/0-10-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	0.91	0.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-14-X				1/4	1.06	0.91	0.14	2.08	Orange	P50	14	50	1	10
LCAX3/0-56-X				5/16	1.06	0.91	0.14	2.10	Orange	P50	14	50	1	10
LCAX3/0-38-X				3/8	1.06	0.91	0.14	2.17	Orange	P50	14	50	1	10
LCAX3/0-12-X				1/2	1.06	0.91	0.14	2.40	Orange	P50	14	50	1	10
LCAX3/0-58-X	5/8	1.06	0.91	0.14	2.64	Orange	P50	14	50	1	10			
LCAX4/0-14-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	0.16	2.30	Purple	P54	15	54	1 1/16	10
LCAX4/0-56-X				5/16	1.19	1.03	0.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-38-X				3/8	1.19	1.03	0.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-12-X				1/2	1.19	1.03	0.16	2.64	Purple	P54	15	54	1 1/16	10
LCAX4/0-58-X				5/8	1.19	1.03	0.16	2.85	Purple	P54	15	54	1 1/16	10
LCAX4/0-34-X	3/4	1.19	1.03	0.16	3.04	Purple	P54	15	54	1 1/16	10			
LCAX250-14-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	0.17	2.34	Yellow	P62	16	62	1 1/16	10
LCAX250-56-X				5/16	1.28	1.03	0.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-38-X				3/8	1.28	1.03	0.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-12-X				1/2	1.28	1.03	0.17	2.68	Yellow	P62	16	62	1 1/16	10
LCAX250-58-X				5/8	1.28	1.03	0.17	2.89	Yellow	P62	16	62	1 1/16	10
LCAX250-34-X	3/4	1.28	1.03	0.17	3.08	Yellow	P62	16	62	1 1/16	10			
LCAX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	0.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-12-6				1/2	1.39	1.19	0.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-58-6				5/8	1.39	1.19	0.18	3.12	Red	P71	18	71H	1 1/4	6
LCAX350-56-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	0.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-38-6				3/8	1.54	1.29	0.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-12-6				1/2	1.54	1.29	0.22	3.09	Blue	P76	19	76H	1 3/8	6
LCAX350-58-6	5/8	1.54	1.29	0.22	3.30	Blue	P76	19	76H	1 3/8	6			
LCAX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	0.26	3.60	Brown	P87	20	87H	1 7/16	6
LCAX450-58-6				5/8	1.70	1.40	0.26	3.73	Brown	P87	20	87H	1 7/16	6
LCAX500-56-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	0.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-38-6				3/8	1.89	1.48	0.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-12-6				1/2	1.89	1.48	0.26	3.64	Pink	P99	L99	99H	1 9/16	6
LCAX500-58-6				5/8	1.89	1.48	0.26	4.20	Pink	P99	L99	99H	1 9/16	6
LCAX650-56-6	—	646.4 kcmil	—	5/16	1.95	1.45	0.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-38-6				3/8	1.95	1.45	0.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-12-6				1/2	1.95	1.45	0.30	3.64	Black	P106	24	106H	1 1/2	6
LCAX650-58-6				5/8	1.95	1.45	0.30	4.20	Black	P106	24	106H	1 1/2	6
LCAX750-12-3	—	777.7 kcmil	—	1/2	2.17	1.66	0.32	3.94	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58-3				5/8	2.17	1.66	0.32	4.59	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
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E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
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A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCAX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping Approved

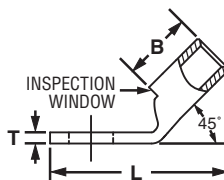
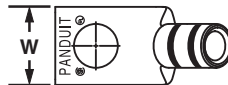
B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX8-10H-L	#8 AWG	#8 AWG	#8 AWG	#10	0.41	0.42	0.08	1.00	Red	P21	49	21	1/2	50
LCAX8-14H-L				1/4	0.48	0.42	0.07	1.09	Red	P21	49	21	1/2	50
LCAX8-56H-L				5/16	0.56	0.42	0.05	1.20	Red	P21	49	21	1/2	50
LCAX8-38H-L				3/8	0.60	0.42	0.05	1.30	Red	P21	49	21	1/2	50
LCAX6-10H-L	#6 AWG	#6 AWG	#6 AWG	#10	0.45	0.48	0.09	1.06	Blue	P24	7	24	9/16	50
LCAX6-14H-L				1/4	0.48	0.48	0.08	1.14	Blue	P24	7	24	9/16	50
LCAX6-56H-L				5/16	0.56	0.48	0.07	1.26	Blue	P24	7	24	9/16	50
LCAX6-38H-L	3/8	0.62	0.48	0.06	1.35	Blue	P24	7	24	9/16	50			
LCAX4-10H-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	0.55	0.53	0.09	1.12	Gray	P29	8	29	5/8	50
LCAX4-14H-L				1/4	0.55	0.53	0.09	1.21	Gray	P29	8	29	5/8	50
LCAX4-56H-L				5/16	0.55	0.53	0.09	1.33	Gray	P29	8	29	5/8	50
LCAX4-38H-L	3/8	0.62	0.53	0.07	1.42	Gray	P29	8	29	5/8	50			
LCAX2-10H-E	#2 AWG	#2 AWG	#2 AWG	#10	0.70	0.59	0.11	1.22	Brown	P33	10	33	11/16	20
LCAX2-14H-E				1/4	0.70	0.59	0.11	1.29	Brown	P33	10	33	11/16	20
LCAX2-56H-E				5/16	0.70	0.59	0.11	1.42	Brown	P33	10	33	11/16	20
LCAX2-38H-E				3/8	0.70	0.59	0.11	1.49	Brown	P33	10	33	11/16	20
LCAX2-12H-E	1/2	0.75	0.59	0.09	1.73	Brown	P33	10	33	11/16	20			
LCAX1-10H-X	#1 AWG	#1 AWG	#1 AWG	#10	0.76	0.66	0.12	1.43	Green	P37	11	37	3/4	10
LCAX1-14H-X				1/4	0.76	0.66	0.12	1.43	Green	P37	11	37	3/4	10
LCAX1-56H-X				5/16	0.76	0.66	0.12	1.49	Green	P37	11	37	3/4	10
LCAX1-38H-X				3/8	0.76	0.66	0.12	1.56	Green	P37	11	37	3/4	10
LCAX1-12H-X	1/2	0.80	0.66	0.12	1.80	Green	P37	11	37	3/4	10			
LCAX1/0-14H-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	0.72	0.13	1.58	Pink	P42	12	42	3/4	10
LCAX1/0-56H-X				5/16	0.85	0.72	0.13	1.58	Pink	P42	12	42	3/4	10
LCAX1/0-38H-X				3/8	0.85	0.72	0.13	1.64	Pink	P42	12	42	3/4	10
LCAX1/0-12H-X				1/2	0.85	0.72	0.13	1.89	Pink	P42	12	42	3/4	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



PANDUIT® ELECTRICAL SOLUTIONS



Flex Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.†	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.			
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L									
LCAX2/0-10H-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	0.96	0.83	0.13	1.56	Black	P45	13	45	7/8	10			
LCAX2/0-14H-X				1/4	0.96	0.83	0.13	1.68	Black	P45	13	45	7/8	10			
LCAX2/0-56H-X				5/16	0.96	0.83	0.13	1.68	Black	P45	13	45	7/8	10			
LCAX2/0-38H-X				3/8	0.96	0.83	0.13	1.74	Black	P45	13	45	7/8	10			
LCAX2/0-12H-X				1/2	0.96	0.83	0.13	1.99	Black	P45	13	45	7/8	10			
LCAX2/0-58H-X				5/8	0.96	0.83	0.13	2.28	Black	P45	13	45	7/8	10			
LCAX3/0-10H-X				3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	0.91	0.14	1.77	Orange	P50	14	50	1	10
LCAX3/0-14H-X	1/4	1.06	0.91				0.14	1.77	Orange	P50	14	50	1	10			
LCAX3/0-56H-X	5/16	1.06	0.91				0.14	1.78	Orange	P50	14	50	1	10			
LCAX3/0-38H-X	3/8	1.06	0.91				0.14	1.85	Orange	P50	14	50	1	10			
LCAX3/0-12H-X	1/2	1.06	0.91				0.14	2.08	Orange	P50	14	50	1	10			
LCAX4/0-14H-X	4/0 AWG	4/0 AWG	4/0 AWG				1/4	1.19	1.03	0.16	2.03	Purple	P54	15	54	1 1/16	10
LCAX4/0-56H-X							5/16	1.19	1.03	0.16	2.26	Purple	P54	15	54	1 1/16	10
LCAX4/0-38H-X				3/8	1.19	1.03	0.16	2.26	Purple	P54	15	54	1 1/16	10			
LCAX4/0-12H-X				1/2	1.19	1.03	0.16	2.37	Purple	P54	15	54	1 1/16	10			
LCAX4/0-58H-X				5/8	1.19	1.03	0.16	2.58	Purple	P54	15	54	1 1/16	10			
LCAX4/0-34H-X				3/4	1.19	1.03	0.16	2.58	Purple	P54	15	54	1 1/16	10			
LCAX250-14H-X				250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	0.17	2.30	Yellow	P62	16	62	1 1/16	10
LCAX250-56H-X	5/16	1.28	1.03				0.17	2.30	Yellow	P62	16	62	1 1/16	10			
LCAX250-38H-X	3/8	1.28	1.03				0.17	2.30	Yellow	P62	16	62	1 1/16	10			
LCAX250-12H-X	1/2	1.28	1.03				0.17	2.41	Yellow	P62	16	62	1 1/16	10			
LCAX250-58H-X	5/8	1.28	1.03				0.17	2.62	Yellow	P62	16	62	1 1/16	10			
LCAX250-34H-X	3/4	1.28	1.03				0.17	2.62	Yellow	P62	16	62	1 1/16	10			
LCAX300-38H-6	300 kcmil	313.1 kcmil	—				3/8	1.39	1.19	0.18	2.64	Red	P71	18	71H	1 1/4	6
LCAX300-12H-6				1/2	1.39	1.19	0.18	2.64	Red	P71	18	71H	1 1/4	6			
LCAX300-58H-6				5/8	1.39	1.19	0.18	2.85	Red	P71	18	71H	1 1/4	6			
LCAX350-56H-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	0.22	2.62	Blue	P76	19	76H	1 3/8	6			
LCAX350-38H-6				3/8	1.54	1.29	0.22	2.62	Blue	P76	19	76H	1 3/8	6			
LCAX350-12H-6				1/2	1.54	1.29	0.22	2.78	Blue	P76	19	76H	1 3/8	6			
LCAX350-58H-6				5/8	1.54	1.29	0.22	2.99	Blue	P76	19	76H	1 3/8	6			
LCAX450-12H-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	0.26	3.26	Brown	P87	20	87H	1 7/16	6			
LCAX450-58H-6				5/8	1.70	1.40	0.26	3.39	Brown	P87	20	87H	1 7/16	6			
LCAX500-56H-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	0.26	2.87	Pink	P99	L99	99H	1 9/16	6			
LCAX500-38H-6				3/8	1.89	1.48	0.26	2.87	Pink	P99	L99	99H	1 9/16	6			
LCAX500-12H-6				1/2	1.89	1.48	0.26	3.24	Pink	P99	L99	99H	1 9/16	6			
LCAX500-58H-6				5/8	1.89	1.48	0.26	3.80	Pink	P99	L99	99H	1 9/16	6			
LCAX650-56H-6	—	646.4 kcmil	—	5/16	1.95	1.45	0.30	2.89	Black	P106	24	106H	1 1/2	6			
LCAX650-38H-6				3/8	1.95	1.45	0.30	2.89	Black	P106	24	106H	1 1/2	6			
LCAX650-12H-6				1/2	1.95	1.45	0.30	3.26	Black	P106	24	106H	1 1/2	6			
LCAX650-58H-6				5/8	1.95	1.45	0.30	3.82	Black	P106	24	106H	1 1/2	6			
LCAX750-12H-3	—	777.7 kcmil	—	1/2	2.17	1.66	0.32	3.52	Yellow	P115	L115	115H	1 3/4	3			
LCAX750-58H-3				5/8	2.17	1.66	0.32	4.18	Yellow	P115	L115	115H	1 3/4	3			

†See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burdny tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



Request Info



1-800-453-1692
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A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



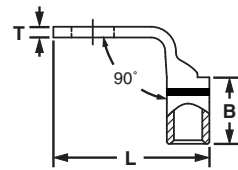
Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCAX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX8-10F-L	#8 AWG	#8 AWG	#8 AWG	#10	0.41	0.42	0.08	0.90	Red	P21	49	21	1/2	50
LCAX8-14F-L				1/4	0.48	0.42	0.07	0.99	Red	P21	49	21	1/2	50
LCAX8-56F-L				5/16	0.56	0.42	0.05	1.11	Red	P21	49	21	1/2	50
LCAX8-38F-L				3/8	0.60	0.42	0.05	1.21	Red	P21	49	21	1/2	50
LCAX6-10F-L	#6 AWG	#6 AWG	#6 AWG	#10	0.45	0.48	0.09	0.99	Blue	P24	7	24	9/16	50
LCAX6-14F-L				1/4	0.48	0.48	0.08	1.03	Blue	P24	7	24	9/16	50
LCAX6-56F-L				5/16	0.56	0.48	0.07	1.15	Blue	P24	7	24	9/16	50
LCAX6-38F-L				3/8	0.62	0.48	0.06	1.25	Blue	P24	7	24	9/16	50
LCAX4-10F-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	0.55	0.53	0.09	1.03	Gray	P29	8	29	5/8	50
LCAX4-14F-L				1/4	0.55	0.53	0.09	1.12	Gray	P29	8	29	5/8	50
LCAX4-56F-L				5/16	0.55	0.53	0.09	1.24	Gray	P29	8	29	5/8	50
LCAX4-38F-L				3/8	0.62	0.53	0.07	1.34	Gray	P29	8	29	5/8	50
LCAX2-10F-E*	#2 AWG	#2 AWG	#2 AWG	#10	0.70	0.59	0.11	1.21	Brown	P33	10	33	11/16	20
LCAX2-14F-E*				1/4	0.70	0.59	0.11	1.31	Brown	P33	10	33	11/16	20
LCAX2-56F-E*				5/16	0.70	0.59	0.11	1.44	Brown	P33	10	33	11/16	20
LCAX2-38F-E*				3/8	0.70	0.59	0.11	1.51	Brown	P33	10	33	11/16	20
LCAX2-12F-E*	#1 AWG	#1 AWG	#1 AWG	1/2	0.75	0.59	0.09	1.75	Brown	P33	10	33	11/16	20
LCAX1-10F-X				#10	0.76	0.66	0.12	1.28	Green	P37	11	37	3/4	10
LCAX1-14F-X				1/4	0.76	0.66	0.12	1.45	Green	P37	11	37	3/4	10
LCAX1-56F-X				5/16	0.76	0.66	0.12	1.51	Green	P37	11	37	3/4	10
LCAX1-38F-X	1/0 AWG	1/0 AWG	1/0 AWG	3/8	0.76	0.66	0.12	1.58	Green	P37	11	37	3/4	10
LCAX1-12F-X				1/2	0.80	0.66	0.12	1.82	Green	P37	11	37	3/4	10
LCAX1/0-14F-X				1/4	0.85	0.72	0.13	1.59	Pink	P42	12	42	3/4	10
LCAX1/0-56F-X				5/16	0.85	0.72	0.13	1.59	Pink	P42	12	42	3/4	10
LCAX1/0-38F-X	1/2	1/2	1/2	3/8	0.85	0.72	0.13	1.66	Pink	P42	12	42	3/4	10
LCAX1/0-12F-X				1/2	0.85	0.72	0.13	1.91	Pink	P42	12	42	3/4	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX2/0-10F-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	0.96	0.83	0.13	1.42	Black	P45	13	45	7/8	10
LCAX2/0-14F-X				1/4	0.96	0.83	0.13	1.67	Black	P45	13	45	7/8	10
LCAX2/0-56F-X				5/16	0.96	0.83	0.13	1.67	Black	P45	13	45	7/8	10
LCAX2/0-38F-X				3/8	0.96	0.83	0.13	1.73	Black	P45	13	45	7/8	10
LCAX2/0-12F-X				1/2	0.96	0.83	0.13	1.98	Black	P45	13	45	7/8	10
LCAX2/0-58F-X				5/8	0.96	0.83	0.13	2.27	Black	P45	13	45	7/8	10
LCAX3/0-10F-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	0.91	0.14	1.51	Orange	P50	14	50	1	10
LCAX3/0-14F-X				1/4	1.06	0.91	0.14	1.75	Orange	P50	14	50	1	10
LCAX3/0-56F-X				5/16	1.06	0.91	0.14	1.77	Orange	P50	14	50	1	10
LCAX3/0-38F-X				3/8	1.06	0.91	0.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-12F-X				1/2	1.06	0.91	0.14	2.07	Orange	P50	14	50	1	10
LCAX4/0-14F-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	0.16	1.84	Purple	P54	15	54	1 1/16	10
LCAX4/0-56F-X				5/16	1.19	1.03	0.16	2.07	Purple	P54	15	54	1 1/16	10
LCAX4/0-38F-X				3/8	1.19	1.03	0.16	2.07	Purple	P54	15	54	1 1/16	10
LCAX4/0-12F-X				1/2	1.19	1.03	0.16	2.18	Purple	P54	15	54	1 1/16	10
LCAX4/0-58F-X				5/8	1.19	1.03	0.16	2.39	Purple	P54	15	54	1 1/16	10
LCAX4/0-34F-X				3/4	1.19	1.03	0.16	2.58	Purple	P54	15	54	1 1/16	10
LCAX250-14F-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	0.17	1.90	Yellow	P62	16	62	1 1/16	10
LCAX250-56F-X				5/16	1.28	1.03	0.17	2.13	Yellow	P62	16	62	1 1/16	10
LCAX250-38F-X				3/8	1.28	1.03	0.17	2.13	Yellow	P62	16	62	1 1/16	10
LCAX250-12F-X				1/2	1.28	1.03	0.17	2.24	Yellow	P62	16	62	1 1/16	10
LCAX250-58F-X				5/8	1.28	1.03	0.17	2.45	Yellow	P62	16	62	1 1/16	10
LCAX250-34F-X				3/4	1.28	1.03	0.17	2.64	Yellow	P62	16	62	1 1/16	10
LCAX300-38F-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	0.18	2.37	Red	P71	18	71H	1 1/4	6
LCAX300-12F-6				1/2	1.39	1.19	0.18	2.37	Red	P71	18	71H	1 1/4	6
LCAX300-58F-6				5/8	1.39	1.19	0.18	2.58	Red	P71	18	71H	1 1/4	6
LCAX350-56F-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	0.22	2.32	Blue	P76	19	76H	1 3/8	6
LCAX350-38F-6				3/8	1.54	1.29	0.22	2.32	Blue	P76	19	76H	1 3/8	6
LCAX350-12F-6				1/2	1.54	1.29	0.22	2.48	Blue	P76	19	76H	1 3/8	6
LCAX350-58F-6				5/8	1.54	1.29	0.22	2.69	Blue	P76	19	76H	1 3/8	6
LCAX450-12F-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	0.26	2.95	Brown	P87	20	87H	1 7/16	6
LCAX450-58F-6				5/8	1.70	1.40	0.26	3.08	Brown	P87	20	87H	1 7/16	6
LCAX500-56F-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	0.26	2.44	Pink	P99	L99	99H	1 9/16	6
LCAX500-38F-6				3/8	1.89	1.48	0.26	2.69	Pink	P99	L99	99H	1 9/16	6
LCAX500-12F-6				1/2	1.89	1.48	0.26	2.81	Pink	P99	L99	99H	1 9/16	6
LCAX500-58F-6				5/8	1.89	1.48	0.26	3.37	Pink	P99	L99	99H	1 9/16	6
LCAX650-56F-6	—	646.4 kcmil	—	5/16	1.95	1.45	0.30	2.50	Black	P106	24	106H	1 1/2	6
LCAX650-38F-6				3/8	1.95	1.45	0.30	2.50	Black	P106	24	106H	1 1/2	6
LCAX650-12F-6				1/2	1.95	1.45	0.30	2.86	Black	P106	24	106H	1 1/2	6
LCAX650-58F-6				5/8	1.95	1.45	0.30	3.42	Black	P106	24	106H	1 1/2	6
LCAX750-12F-3	—	777.7 kcmil	—	1/2	2.17	1.66	0.32	2.86	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58F-3				5/8	2.17	1.66	0.32	3.67	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



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System Overview

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B2.
Cable Accessories

B3.
Stainless Steel Ties

C1.
Wiring Duct

C2.
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D1.
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E1.
Labeling Systems

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A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

B1. Cable Ties

For Use with Flexible Copper Conductors

Type LCAXN

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

B2. Cable Accessories

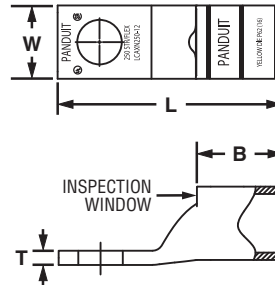
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Part Number	Flex Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Diesel Locomotive		W	B	T	L						
LCAXN750-12-3	777.7 kcmil	1/2	1.50	1.66	0.33	3.94	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



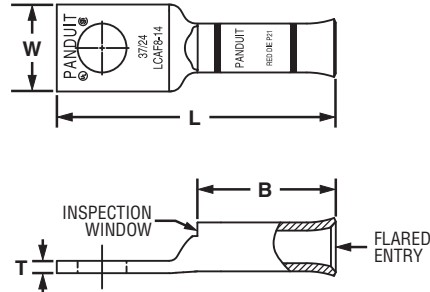


Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF8-10-L	—	#8 AWG	#10	0.41	0.76	0.08	1.45	Red	P21	13/16	50
LCAF8-14-L			1/4	0.48	0.76	0.07	1.54	Red	P21	13/16	50
LCAF8-56-L			5/16	0.56	0.76	0.05	1.66	Red	P21	13/16	50
LCAF8-38-L			3/8	0.60	0.76	0.05	1.76	Red	P21	13/16	50
LCAF6-10-L	#6 AWG	#6 AWG	#10	0.45	0.81	0.09	1.52	Blue	P24	7/8	50
LCAF6-14-L			1/4	0.48	0.81	0.08	1.61	Blue	P24	7/8	50
LCAF6-56-L			5/16	0.56	0.81	0.07	1.73	Blue	P24	7/8	50
LCAF6-38-L			3/8	0.62	0.81	0.06	1.83	Blue	P24	7/8	50
LCAF4-10-L	#4 AWG	#4 AWG	#10	0.55	0.81	0.09	1.54	Gray	P29	7/8	50
LCAF4-14-L			1/4	0.55	0.81	0.09	1.63	Gray	P29	7/8	50
LCAF4-56-L			5/16	0.55	0.81	0.09	1.75	Gray	P29	7/8	50
LCAF4-38-L			3/8	0.62	0.81	0.07	1.85	Gray	P29	7/8	50
LCAF2-14-E	#2 AWG	#2 AWG	1/4	0.70	0.88	0.11	1.79	Brown	P33	15/16	20
LCAF2-56-E			5/16	0.70	0.88	0.11	1.92	Brown	P33	15/16	20
LCAF2-38-E			3/8	0.70	0.88	0.11	1.99	Brown	P33	15/16	20
LCAF2-12-E			1/2	0.79	0.88	0.09	2.23	Brown	P33	15/16	20
LCAF1-14-X	#1 AWG	#1 AWG	1/4	0.76	0.94	0.12	1.95	Pink	P42	1	10
LCAF1-56-X			5/16	0.76	0.94	0.12	2.00	Pink	P42	1	10
LCAF1-38-X			3/8	0.76	0.94	0.12	2.08	Pink	P42	1	10
LCAF1-12-X			1/2	0.80	0.94	0.12	2.31	Pink	P42	1	10
LCAF1/0-14-X	1/0 AWG	1/0 AWG	1/4	0.85	1.35	0.13	2.46	Black	P45	1 7/16	10
LCAF1/0-56-X			5/16	0.85	1.35	0.13	2.46	Black	P45	1 7/16	10
LCAF1/0-38-X			3/8	0.85	1.35	0.13	2.52	Black	P45	1 7/16	10
LCAF1/0-12-X			1/2	0.85	1.35	0.13	2.77	Black	P45	1 7/16	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.74



A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.		
	Class K and M	Diesel Locomotive		W	B	T	L						
LCAF2/0-14-X	2/0 AWG	2/0 AWG	1/4	0.96	1.35	0.13	2.49	Orange	P50	1 7/16	10		
LCAF2/0-56-X			5/16	0.96	1.35	0.13	2.49	Orange	P50	1 7/16	10		
LCAF2/0-38-X			3/8	0.96	1.35	0.13	2.55	Orange	P50	1 7/16	10		
LCAF2/0-12-X			1/2	0.96	1.35	0.13	2.80	Orange	P50	1 7/16	10		
LCAF3/0-14-X	3/0 AWG	3/0 AWG	1/4	1.06	1.35	0.14	2.52	Purple	P54	1 7/16	10		
LCAF3/0-56-X			5/16	1.06	1.35	0.14	2.53	Purple	P54	1 7/16	10		
LCAF3/0-38-X			3/8	1.06	1.35	0.14	2.60	Purple	P54	1 7/16	10		
LCAF3/0-12-X			1/2	1.06	1.35	0.14	2.83	Purple	P54	1 7/16	10		
LCAF4/0-14-X	4/0 AWG	4/0 AWG	1/4	1.17	1.35	0.14	2.56	Yellow	P62	1 7/16	10		
LCAF4/0-56-X			5/16	1.17	1.35	0.14	2.58	Yellow	P62	1 7/16	10		
LCAF4/0-38-X			3/8	1.17	1.35	0.14	2.65	Yellow	P62	1 7/16	10		
LCAF4/0-12-X			1/2	1.17	1.35	0.14	2.88	Yellow	P62	1 7/16	10		
LCAF250-38-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	0.17	3.19	White	P66	1 3/4	10		
LCAF250-12-X			1/2	1.28	1.65	0.17	3.30	White	P66	1 3/4	10		
LCAF250-58-X			5/8	1.28	1.65	0.17	3.51	White	P66	1 3/4	10		
LCAF250-78-X			7/8	1.28	1.65	0.17	3.95	White	P66	1 3/4	10		
LCAF300-38-6	300 kcmil	313.1 kcmil	3/8	1.39	1.65	0.18	3.37	Red	P71	1 3/4	6		
LCAF300-12-6			1/2	1.39	1.65	0.18	3.37	Red	P71	1 3/4	6		
LCAF300-58-6			5/8	1.39	1.65	0.18	3.58	Red	P71	1 3/4	6		
LCAF300-78-6			7/8	1.39	1.65	0.18	3.97	Red	P71	1 3/4	6		
LCAF350-38-6	350 kcmil	373.7 kcmil	3/8	1.54	1.85	0.22	3.49	Blue	P76	1 15/16	6		
LCAF350-12-6			1/2	1.54	1.85	0.22	3.65	Blue	P76	1 15/16	6		
LCAF350-58-6			5/8	1.54	1.85	0.22	3.86	Blue	P76	1 15/16	6		
LCAF350-34-6			3/4	1.54	1.85	0.22	4.00	Blue	P76	1 15/16	6		
LCAF350-78-6	400 kcmil	444.4 kcmil	7/8	1.54	1.85	0.22	4.25	Blue	P76	1 15/16	6		
LCAF350-1-6			1	1.54	1.85	0.22	4.37	Blue	P76	1 15/16	6		
LCAF400-12-6			1/2	1.70	2.20	0.26	4.65	Brown	P87	2 1/4	6		
LCAF400-58-6			5/8	1.70	2.20	0.26	4.65	Brown	P87	2 1/4	6		
LCAF400-78-6	500 kcmil	535.3 kcmil	7/8	1.70	2.20	0.26	4.65	Brown	P87	2 1/4	6		
LCAF500-12-6			1/2	1.89	2.28	0.26	4.99	Pink	P99	2 5/16	6		
LCAF500-58-6			5/8	1.89	2.28	0.26	5.18	Pink	P99	2 5/16	6		
LCAF600-12-6			—	646.4 kcmil	1/2	1.95	2.33	0.30	5.07	Black	P106	2 3/8	6
LCAF600-58-6	5/8	1.95			2.33	0.30	5.26	Black	P106	2 3/8	6		
LCAF750-12-3	—	777.7 kcmil			1/2	2.17	2.38	0.32	5.21	Orange	P107	2 7/16	3
LCAF750-58-3					5/8	2.17	2.38	0.32	5.40	Orange	P107	2 7/16	3

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



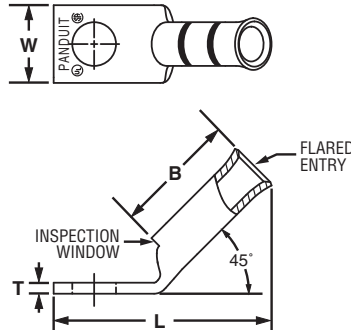


Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug, 45° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF-H

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF8-10H-L	—	#8 AWG	#10	0.41	0.76	0.08	1.26	Red	P21	13/16	50
LCAF8-14H-L			1/4	0.48	0.76	0.07	1.35	Red	P21	13/16	50
LCAF8-56H-L			5/16	0.56	0.76	0.05	1.46	Red	P21	13/16	50
LCAF8-38H-L			3/8	0.60	0.76	0.05	1.55	Red	P21	13/16	50
LCAF6-10H-L	#6 AWG	#6 AWG	#10	0.45	0.81	0.09	1.31	Blue	P24	7/8	50
LCAF6-14H-L			1/4	0.48	0.81	0.08	1.40	Blue	P24	7/8	50
LCAF6-56H-L			5/16	0.56	0.81	0.07	1.51	Blue	P24	7/8	50
LCAF6-38H-L			3/8	0.62	0.81	0.06	1.61	Blue	P24	7/8	50
LCAF4-10H-L	#4 AWG	#4 AWG	#10	0.55	0.81	0.09	1.34	Gray	P29	7/8	50
LCAF4-14H-L			1/4	0.55	0.81	0.09	1.43	Gray	P29	7/8	50
LCAF4-56H-L			5/16	0.55	0.81	0.09	1.55	Gray	P29	7/8	50
LCAF4-38H-L			3/8	0.62	0.81	0.07	1.64	Gray	P29	7/8	50
LCAF2-14H-E	#2 AWG	#2 AWG	1/4	0.70	0.88	0.11	1.52	Brown	P33	15/16	20
LCAF2-56H-E			5/16	0.70	0.88	0.11	1.65	Brown	P33	15/16	20
LCAF2-38H-E			3/8	0.70	0.88	0.11	1.72	Brown	P33	15/16	20
LCAF2-12H-E			1/2	0.79	0.88	0.09	1.95	Brown	P33	15/16	20
LCAF1-14H-X	#1 AWG	#1 AWG	1/4	0.76	0.94	0.12	1.65	Pink	P42	1	10
LCAF1-56H-X			5/16	0.76	0.94	0.12	1.71	Pink	P42	1	10
LCAF1-38H-X			3/8	0.76	0.94	0.12	1.78	Pink	P42	1	10
LCAF1-12H-X			1/2	0.80	0.94	0.12	2.01	Pink	P42	1	10
LCAF1/0-14H-X	1/0 AWG	1/0 AWG	1/4	0.85	1.35	0.13	2.06	Black	P45	1 7/16	10
LCAF1/0-56H-X			5/16	0.85	1.35	0.13	2.06	Black	P45	1 7/16	10
LCAF1/0-38H-X			3/8	0.85	1.35	0.13	2.12	Black	P45	1 7/16	10
LCAF1/0-12H-X			1/2	0.85	1.35	0.13	2.37	Black	P45	1 7/16	10
LCAF2/0-14H-X	2/0 AWG	2/0 AWG	1/4	0.96	1.35	0.13	2.08	Orange	P50	1 7/16	10
LCAF2/0-56H-X			5/16	0.96	1.35	0.13	2.08	Orange	P50	1 7/16	10
LCAF2/0-38H-X			3/8	0.96	1.35	0.13	2.14	Orange	P50	1 7/16	10
LCAF2/0-12H-X			1/2	0.96	1.35	0.13	2.39	Orange	P50	1 7/16	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug, 45° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF3/0-14H-X	3/0 AWG	3/0 AWG	1/4	1.06	1.35	0.14	2.11	Purple	P54	1 7/16	10
LCAF3/0-56H-X			5/16	1.06	1.35	0.14	2.13	Purple	P54	1 7/16	10
LCAF3/0-38H-X			3/8	1.06	1.35	0.14	2.20	Purple	P54	1 7/16	10
LCAF3/0-12H-X			1/2	1.06	1.35	0.14	2.43	Purple	P54	1 7/16	10
LCAF4/0-14H-X	4/0 AWG	4/0 AWG	1/4	1.17	1.35	0.14	2.16	Yellow	P62	1 7/16	10
LCAF4/0-56H-X			5/16	1.17	1.35	0.14	2.17	Yellow	P62	1 7/16	10
LCAF4/0-38H-X			3/8	1.17	1.35	0.14	2.24	Yellow	P62	1 7/16	10
LCAF4/0-12H-X			1/2	1.17	1.35	0.14	2.47	Yellow	P62	1 7/16	10
LCAF250-38H-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	0.17	3.19	White	P66	1 3/4	10
LCAF250-12H-X			1/2	1.28	1.65	0.17	2.89	White	P66	1 3/4	10
LCAF250-58H-X			5/8	1.28	1.65	0.17	3.10	White	P66	1 3/4	10
LCAF250-78H-X			7/8	1.28	1.65	0.17	3.54	White	P66	1 3/4	10
LCAF300-38H-6	300 kcmil	313.1 kcmil	3/8	1.39	1.64	0.18	3.00	Red	P71	1 3/4	6
LCAF300-12H-6			1/2	1.39	1.64	0.18	3.00	Red	P71	1 3/4	6
LCAF300-58H-6			5/8	1.39	1.64	0.18	3.21	Red	P71	1 3/4	6
LCAF300-78H-6			7/8	1.39	1.64	0.18	3.60	Red	P71	1 3/4	6
LCAF350-38H-6	350 kcmil	373.7 kcmil	3/8	1.54	1.84	0.22	3.06	Blue	P76	1 15/16	6
LCAF350-12H-6			1/2	1.54	1.84	0.22	3.22	Blue	P76	1 15/16	6
LCAF350-58H-6			5/8	1.54	1.84	0.22	3.43	Blue	P76	1 15/16	6
LCAF350-34H-6			3/4	1.54	1.84	0.22	3.57	Blue	P76	1 15/16	6
LCAF350-78H-6			7/8	1.54	1.84	0.22	3.82	Blue	P76	1 15/16	6
LCAF350-1H-6	400 kcmil	444.4 kcmil	1	1.54	1.84	0.22	3.94	Blue	P76	1 15/16	6
LCAF400-12H-6			1/2	1.70	2.19	0.26	4.12	Brown	P87	2 1/4	6
LCAF400-58H-6			5/8	1.70	2.19	0.26	4.12	Brown	P87	2 1/4	6
LCAF400-78H-6	7/8	1.70	2.19	0.26	4.12	Brown	P87	2 1/4	6		

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



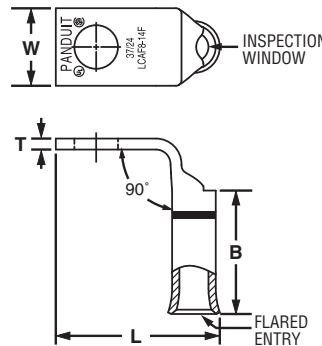


Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug, 90° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF-F

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF8-10F-L	—	#8 AWG	#10	0.41	0.76	0.08	0.93	Red	P21	13/16	50
LCAF8-14F-L			1/4	0.48	0.76	0.07	1.02	Red	P21	13/16	50
LCAF8-56F-L			5/16	0.56	0.76	0.05	1.14	Red	P21	13/16	50
LCAF8-38F-L			3/8	0.60	0.76	0.05	1.24	Red	P21	13/16	50
LCAF6-10F-L	#6 AWG	#6 AWG	#10	0.45	0.81	0.09	1.52	Blue	P24	7/8	50
LCAF6-14F-L			1/4	0.48	0.81	0.08	1.06	Blue	P24	7/8	50
LCAF6-56F-L			5/16	0.56	0.81	0.07	1.18	Blue	P24	7/8	50
LCAF6-38F-L			3/8	0.62	0.81	0.06	1.28	Blue	P24	7/8	50
LCAF4-10F-L	#4 AWG	#4 AWG	#10	0.55	0.81	0.09	1.07	Gray	P29	7/8	50
LCAF4-14F-L			1/4	0.55	0.81	0.09	1.16	Gray	P29	7/8	50
LCAF4-56F-L			5/16	0.55	0.81	0.09	1.28	Gray	P29	7/8	50
LCAF4-38F-L			3/8	0.62	0.81	0.07	1.38	Gray	P29	7/8	50
LCAF2-14F-E	#2 AWG	#2 AWG	1/4	0.70	0.88	0.11	1.35	Brown	P33	15/16	20
LCAF2-56F-E			5/16	0.70	0.88	0.11	1.48	Brown	P33	15/16	20
LCAF2-38F-E			3/8	0.70	0.88	0.11	1.55	Brown	P33	15/16	20
LCAF2-12F-E			1/2	0.79	0.88	0.09	1.79	Brown	P33	15/16	20
LCAF1-14F-X	#1 AWG	#1 AWG	1/4	0.76	0.94	0.12	1.49	Pink	P42	1	10
LCAF1-56F-X			5/16	0.76	0.94	0.12	1.54	Pink	P42	1	10
LCAF1-38F-X			3/8	0.76	0.94	0.12	1.62	Pink	P42	1	10
LCAF1-12F-X			1/2	0.80	0.94	0.12	1.85	Pink	P42	1	10
LCAF1/0-14F-X	1/0 AWG	1/0 AWG	1/4	0.85	1.35	0.13	1.64	Black	P45	1 7/16	10
LCAF1/0-56F-X			5/16	0.85	1.35	0.13	1.70	Black	P45	1 7/16	10
LCAF1/0-38F-X			3/8	0.85	1.35	0.13	1.70	Black	P45	1 7/16	10
LCAF1/0-12F-X			1/2	0.85	1.35	0.13	1.95	Black	P45	1 7/16	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug, 90° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF2/0-14F-X	2/0 AWG	2/0 AWG	1/4	0.96	1.35	0.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-56F-X			5/16	0.96	1.35	0.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-38F-X			3/8	0.96	1.35	0.13	1.77	Orange	P50	1 7/16	10
LCAF2/0-12F-X	3/0 AWG	3/0 AWG	1/2	0.96	1.35	0.13	2.02	Orange	P50	1 7/16	10
LCAF3/0-14F-X			1/4	1.06	1.35	0.14	1.81	Purple	P54	1 7/16	10
LCAF3/0-56F-X			5/16	1.06	1.35	0.14	1.82	Purple	P54	1 7/16	10
LCAF3/0-38F-X	4/0 AWG	4/0 AWG	3/8	1.06	1.35	0.14	1.89	Purple	P54	1 7/16	10
LCAF3/0-12F-X			1/2	1.06	1.35	0.14	2.12	Purple	P54	1 7/16	10
LCAF4/0-14F-X			1/4	1.17	1.35	0.14	1.88	Yellow	P62	1 7/16	10
LCAF4/0-56F-X	250 kcmil	262.6 kcmil	5/16	1.17	1.35	0.14	1.90	Yellow	P62	1 7/16	10
LCAF4/0-38F-X			3/8	1.17	1.35	0.14	1.97	Yellow	P62	1 7/16	10
LCAF4/0-12F-X			1/2	1.17	1.35	0.14	2.20	Yellow	P62	1 7/16	10
LCAF250-38F-X	300 kcmil	313.1 kcmil	3/8	1.28	1.65	0.17	2.21	White	P66	1 3/4	10
LCAF250-12F-X			1/2	1.28	1.65	0.17	2.32	White	P66	1 3/4	10
LCAF250-58F-X			5/8	1.28	1.65	0.17	2.53	White	P66	1 3/4	10
LCAF250-78F-X	350 kcmil	373.7 kcmil	7/8	1.28	1.65	0.17	2.97	White	P66	1 3/4	10
LCAF300-38F-6			3/8	1.39	1.65	0.18	2.44	Red	P71	1 3/4	6
LCAF300-12F-6			1/2	1.39	1.65	0.18	2.44	Red	P71	1 3/4	6
LCAF300-58F-6	400 kcmil	444.4 kcmil	5/8	1.39	1.65	0.18	2.65	Red	P71	1 3/4	6
LCAF300-78F-6			7/8	1.39	1.65	0.18	3.04	Red	P71	1 3/4	6
LCAF350-38F-6			3/8	1.54	1.85	0.22	2.40	Blue	P76	1 15/16	6
LCAF350-12F-6	400 kcmil	444.4 kcmil	1/2	1.54	1.85	0.22	2.40	Blue	P76	1 15/16	6
LCAF350-58F-6			5/8	1.54	1.85	0.22	2.77	Blue	P76	1 15/16	6
LCAF350-34F-6			3/4	1.54	1.85	0.22	2.91	Blue	P76	1 15/16	6
LCAF350-78F-6	400 kcmil	444.4 kcmil	7/8	1.54	1.85	0.22	3.16	Blue	P76	1 15/16	6
LCAF350-1F-6			1	1.54	1.85	0.22	3.28	Blue	P76	1 15/16	6
LCAF400-12F-6			1/2	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6
LCAF400-58F-6	400 kcmil	444.4 kcmil	5/8	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6
LCAF400-78F-6			7/8	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



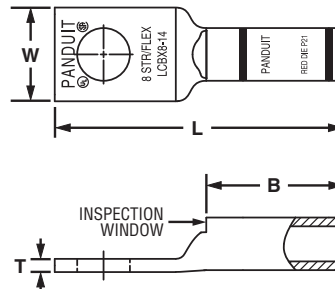


Flex Conductor, One-Hole, Long Barrel with Window Lug

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCBX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCBX8-10-L				#10	0.41	0.70	0.08	1.39	Red	P21	49	21	3/4	50
LCBX8-14-L	#8 AWG	#8 AWG	#8 AWG	1/4	0.48	0.70	0.07	1.48	Red	P21	49	21	3/4	50
LCBX8-38-L				3/8	0.60	0.70	0.05	1.70	Red	P21	49	21	3/4	50
LCBX6-14-L	#6 AWG	#6 AWG	#6 AWG	1/4	0.48	1.07	0.08	1.86	Blue	P24	7	24	1 1/8	50
LCBX6-38-L				3/8	0.62	1.07	0.06	2.08	Blue	P24	7	24	1 1/8	50
LCBX4-14-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.55	1.05	0.09	1.87	Gray	P29	8	29	1 1/8	50
LCBX4-38-L				3/8	0.62	1.05	0.07	2.09	Gray	P29	8	29	1 1/8	50
LCBX2-14-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.70	1.36	0.11	2.26	Brown	P33	10	33	1 7/16	20
LCBX2-38-E*				3/8	0.70	1.36	0.11	2.46	Brown	P33	10	33	1 7/16	20
LCBX2-12-E*				1/2	0.75	1.36	0.09	2.70	Brown	P33	10	33	1 7/16	20
LCBX1-14-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.76	1.44	0.12	2.44	Green	P37	11	37	1 1/2	10
LCBX1-56-X				5/16	0.76	1.44	0.12	2.50	Green	P37	11	37	1 1/2	10
LCBX1-38-X				3/8	0.76	1.44	0.12	2.57	Green	P37	11	37	1 1/2	10
LCBX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	1.50	0.13	2.61	Pink	P42	12	42	1 9/16	10
LCBX1/0-38-X				3/8	0.85	1.50	0.13	2.67	Pink	P42	12	42	1 9/16	10
LCBX1/0-12-X				1/2	0.85	1.50	0.13	2.92	Pink	P42	12	42	1 9/16	10
LCBX2/0-14-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.96	1.50	0.13	2.64	Black	P45	13	45	1 9/16	10
LCBX2/0-38-X				3/8	0.96	1.50	0.13	2.70	Black	P45	13	45	1 9/16	10
LCBX2/0-12-X				1/2	0.96	1.50	0.13	2.96	Black	P45	13	45	1 9/16	10
LCBX3/0-38-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	0.14	2.81	Orange	P50	14	50	1 5/8	10
LCBX4/0-38-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.19	2.24	0.16	3.74	Purple	P54	15	54	2 5/16	10
LCBX4/0-12-X				1/2	1.19	2.24	0.16	3.85	Purple	P54	15	54	2 5/16	10
LCBX250-38-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	0.17	3.78	Yellow	P62	16	62	2 5/16	10
LCBX250-12-X			—	1/2	1.28	2.24	0.17	3.89	Yellow	P62	16	62	2 5/16	10
LCBX250-58-X			—	5/8	1.28	2.24	0.17	4.10	Yellow	P62	16	62	2 5/16	10
LCBX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	2.30	0.18	4.02	Red	P71	18	71H	2 3/8	6
LCBX350-38-6	350 kcmil	373.7 kcmil	—	3/8	1.54	2.50	0.22	4.14	Blue	P76	19	76H	2 9/16	6
LCBX350-12-6			—	1/2	1.54	2.50	0.22	4.30	Blue	P76	19	76H	2 9/16	6
LCBX450-38-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	0.26	5.14	Brown	P87	20	87H	2 3/4	6
LCBX500-38-6	500 kcmil	535.3 kcmil	—	3/8	1.89	2.88	0.26	4.84	Pink	P99	L99	99H	2 15/16	6
LCBX500-12-6			—	1/2	1.89	2.88	0.26	5.03	Pink	P99	L99	99H	2 15/16	6

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Flex Conductor, One-Hole, Long Barrel with Window Lug, 45° Angle

B1. Cable Ties

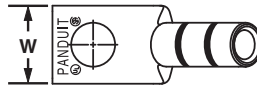
For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCBX-H

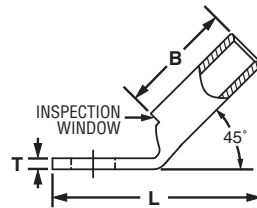
B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications

C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.†	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCBX8-10H-L				#10	0.41	0.70	0.08	1.20	Red	P21	49	21	3/4	50
LCBX8-14H-L	#8 AWG	#8 AWG	#8 AWG	1/4	0.48	0.70	0.07	1.28	Red	P21	49	21	3/4	50
LCBX8-38H-L				3/8	0.60	0.70	0.05	1.49	Red	P21	49	21	3/4	50
LCBX6-14H-L	#6 AWG	#6 AWG	#6 AWG	1/4	0.48	1.07	0.08	1.56	Blue	P24	7	24	1 1/8	50
LCBX6-38H-L				3/8	0.62	1.07	0.06	1.77	Blue	P24	7	24	1 1/8	50
LCBX4-14H-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.55	1.05	0.09	1.57	Gray	P29	8	29	1 1/8	50
LCBX4-38H-L				3/8	0.62	1.05	0.07	1.78	Gray	P29	8	29	1 1/8	50
LCBX2-14H-E*				1/4	0.70	1.36	0.11	1.83	Brown	P33	10	33	1 7/16	20
LCBX2-38H-E*	#2 AWG	#2 AWG	#2 AWG	3/8	0.70	1.36	0.11	2.03	Brown	P33	10	33	1 7/16	20
LCBX2-12H-E*				1/2	0.75	1.36	0.09	2.26	Brown	P33	10	33	1 7/16	20
LCBX1-14H-X				1/4	0.76	1.44	0.12	1.98	Green	P37	11	37	1 1/2	10
LCBX1-56H-X	#1 AWG	#1 AWG	#1 AWG	5/16	0.76	1.44	0.12	2.04	Green	P37	11	37	1 1/2	10
LCBX1-38H-X				3/8	0.76	1.44	0.12	2.11	Green	P37	11	37	1 1/2	10
LCBX1/0-14H-X				1/4	0.85	1.50	0.13	2.13	Pink	P42	12	42	1 9/16	10
LCBX1/0-38H-X	1/0 AWG	1/0 AWG	1/0 AWG	3/8	0.85	1.50	0.13	2.20	Pink	P42	12	42	1 9/16	10
LCBX1/0-12H-X				1/2	0.85	1.50	0.13	2.45	Pink	P42	12	42	1 9/16	10
LCBX2/0-14H-X				1/4	0.96	1.50	0.13	2.16	Black	P45	13	45	1 9/16	10
LCBX2/0-38H-X	2/0 AWG	2/0 AWG	2/0 AWG	3/8	0.96	1.50	0.13	2.22	Black	P45	13	45	1 9/16	10
LCBX2/0-12H-X				1/2	0.96	1.50	0.13	2.47	Black	P45	13	45	1 9/16	10
LCBX3/0-38H-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	0.14	2.31	Orange	P50	14	50	1 5/8	10
LCBX4/0-38H-X				3/8	1.19	2.24	0.16	3.12	Purple	P54	15	54	2 5/16	10
LCBX4/0-12H-X	4/0 AWG	4/0 AWG	4/0 AWG	1/2	1.19	2.24	0.16	3.23	Purple	P54	15	54	2 5/16	10
LCBX250-38H-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	0.17	3.15	Yellow	P62	16	62	2 5/16	10
LCBX300-38H-6				3/8	1.39	2.30	0.18	3.42	Red	P71	18	71H	2 3/8	6
LCBX300-12H-6	300 kcmil	313.1 kcmil	—	1/2	1.39	2.30	0.18	3.69	Red	P71	18	71H	2 3/8	6
LCBX350-38H-6				3/8	1.54	2.50	0.22	3.48	Blue	P76	19	76H	2 9/16	6
LCBX350-12H-6	350 kcmil	373.7 kcmil	—	1/2	1.54	2.50	0.22	3.64	Blue	P76	19	76H	2 9/16	6
LCBX450-38H-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	0.26	4.42	Brown	P87	20	87H	2 3/4	6
LCBX500-38H-6				3/8	1.89	2.88	0.26	4.08	Pink	P99	L99	99H	2 15/16	6
LCBX500-12H-6	500 kcmil	535.3 kcmil	—	1/2	1.89	2.88	0.26	4.27	Pink	P99	L99	99H	2 15/16	6

†See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



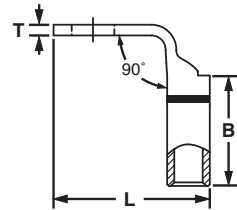
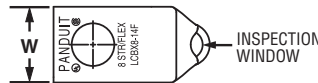


Flex Conductor, One-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCBX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCBX8-10F-L				#10	0.41	0.70	0.08	0.90	Red	P21	49	21	3/4	50
LCBX8-14F-L	#8 AWG	#8 AWG	#8 AWG	1/4	0.48	0.70	0.07	0.99	Red	P21	49	21	3/4	50
LCBX8-38F-L				3/8	0.60	0.70	0.05	1.21	Red	P21	49	21	3/4	50
LCBX6-14F-L	#6 AWG	#6 AWG	#6 AWG	1/4	0.48	1.07	0.08	1.03	Blue	P24	7	24	1 1/8	50
LCBX6-38F-L				3/8	0.62	1.07	0.06	1.25	Blue	P24	7	24	1 1/8	50
LCBX4-14F-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.55	1.05	0.09	1.12	Gray	P29	8	29	1 1/8	50
LCBX4-38F-L				3/8	0.62	1.05	0.07	1.34	Gray	P29	8	29	1 1/8	50
LCBX2-14F-E*				1/4	0.70	1.36	0.11	1.31	Brown	P33	10	33	1 7/16	20
LCBX2-38F-E*	#2 AWG	#2 AWG	#2 AWG	3/8	0.70	1.36	0.11	1.51	Brown	P33	10	33	1 7/16	20
LCBX2-12F-E*				1/2	0.75	1.36	0.09	1.75	Brown	P33	10	33	1 7/16	20
LCBX1-14F-X				1/4	0.76	1.44	0.12	1.45	Green	P37	11	37	1 1/2	10
LCBX1-56F-X	#1 AWG	#1 AWG	#1 AWG	5/16	0.76	1.44	0.12	1.51	Green	P37	11	37	1 1/2	10
LCBX1-38F-X				3/8	0.76	1.44	0.12	1.58	Green	P37	11	37	1 1/2	10
LCBX1/0-14F-X				1/4	0.85	1.50	0.13	1.61	Pink	P42	12	42	1 9/16	10
LCBX1/0-38F-X	1/0 AWG	1/0 AWG	1/0 AWG	3/8	0.85	1.50	0.13	1.66	Pink	P42	12	42	1 9/16	10
LCBX1/0-12F-X				1/2	0.85	1.50	0.13	1.91	Pink	P42	12	42	1 9/16	10
LCBX2/0-14F-X				1/4	0.96	1.50	0.13	1.67	Black	P45	13	45	1 9/16	10
LCBX2/0-38F-X	2/0 AWG	2/0 AWG	2/0 AWG	3/8	0.96	1.50	0.13	1.73	Black	P45	13	45	1 9/16	10
LCBX2/0-12F-X				1/2	0.96	1.50	0.13	1.98	Black	P45	13	45	1 9/16	10
LCBX3/0-38F-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	0.14	1.84	Orange	P50	14	50	1 5/8	10
LCBX4/0-38F-X				3/8	1.19	2.24	0.16	2.07	Purple	P54	15	54	2 5/16	10
LCBX4/0-12F-X				1/2	1.19	2.24	0.16	2.18	Purple	P54	15	54	2 5/16	10
LCBX250-38F-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	0.17	2.13	Yellow	P62	16	62	2 5/16	10
LCBX300-38F-6				3/8	1.39	2.30	0.18	2.37	Red	P71	18	71H	2 3/8	6
LCBX300-12F-6	300 kcmil	313.1 kcmil	—	1/2	1.39	2.30	0.18	2.37	Red	P71	18	71H	2 3/8	6
LCBX350-38F-6				3/8	1.54	2.50	0.22	2.32	Blue	P76	19	76H	2 9/16	6
LCBX350-12F-6	350 kcmil	373.7 kcmil	—	1/2	1.54	2.50	0.22	2.48	Blue	P76	19	76H	2 9/16	6
LCBX450-38F-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	0.26	3.14	Brown	P87	20	87H	2 3/4	6
LCBX500-38F-6				3/8	1.89	2.88	0.26	2.62	Pink	P99	L99	99H	2 15/16	6
LCBX500-12F-6	500 kcmil	535.3 kcmil	—	1/2	1.89	2.88	0.26	2.81	Pink	P99	L99	99H	2 15/16	6

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Flex Conductor, Two-Hole, Standard Barrel with Window Lug

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCDX

B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion

- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing

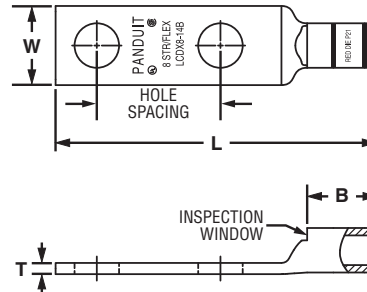
B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX8-10A-L				#10	.63	.41	.42	.08	1.74	Red	P21	49	21	1/2	50
LCDX8-14A-L				1/4	.63	.48	.42	.07	1.83	Red	P21	49	21	1/2	50
LCDX8-14B-L	#8 AWG	#8 AWG	#8 AWG	1/4	.75	.48	.42	.07	1.95	Red	P21	49	21	1/2	50
LCDX8-14D-L				1/4	1.00	.48	.42	.07	2.20	Red	P21	49	21	1/2	50
LCDX8-38D-L				3/8	1.00	.60	.42	.05	2.42	Red	P21	49	21	1/2	50
LCDX6-10A-L				#10	.63	.46	.48	.08	1.82	Blue	P24	7	24	9/16	50
LCDX6-10B-L				#10	.75	.46	.48	.08	1.94	Blue	P24	7	24	9/16	50
LCDX6-10G-L				#10	1.50	.46	.48	.08	2.69	Blue	P24	7	24	9/16	50
LCDX6-10P-L				#10	.69	.46	.48	.08	1.88	Blue	P24	7	24	9/16	50
LCDX6-14A-L	#6 AWG	#6 AWG	#6 AWG	1/4	.63	.48	.48	.08	1.91	Blue	P24	7	24	9/16	50
LCDX6-14B-L				1/4	.75	.48	.48	.08	2.03	Blue	P24	7	24	9/16	50
LCDX6-14D-L				1/4	1.00	.48	.48	.08	2.28	Blue	P24	7	24	9/16	50
LCDX6-56D-L				5/16	1.00	.56	.48	.07	2.40	Blue	P24	7	24	9/16	50
LCDX6-38D-L				3/8	1.00	.62	.48	.06	2.50	Blue	P24	7	24	9/16	50
LCDX4-14A-L				1/4	.63	.55	.53	.09	1.98	Gray	P29	8	29	5/8	50
LCDX4-14B-L				1/4	.75	.55	.53	.09	2.10	Gray	P29	8	29	5/8	50
LCDX4-14D-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	1.00	.55	.53	.09	2.35	Gray	P29	8	29	5/8	50
LCDX4-56D-L				5/16	1.00	.55	.53	.09	2.47	Gray	P29	8	29	5/8	50
LCDX4-38D-L				3/8	1.00	.62	.53	.08	2.57	Gray	P29	8	29	5/8	50
LCDX2-14A-E*				1/4	.63	.70	.59	.11	2.13	Brown	P33	10	33	11/16	20
LCDX2-14B-E*				1/4	.75	.70	.59	.11	2.25	Brown	P33	10	33	11/16	20
LCDX2-14D-E*				1/4	1.00	.70	.59	.11	2.50	Brown	P33	10	33	11/16	20
LCDX2-56D-E*	#2 AWG	#2 AWG	#2 AWG	5/16	1.00	.70	.59	.11	2.63	Brown	P33	10	33	11/16	20
LCDX2-38D-E*				3/8	1.00	.70	.59	.11	2.70	Brown	P33	10	33	11/16	20
LCDX2-12-E*				1/2	1.75	.75	.59	.09	3.87	Brown	P33	10	33	11/16	20
LCDX1-14A-X				1/4	.63	.76	.66	.12	2.29	Green	P37	11	37	3/4	10
LCDX1-14B-X				1/4	.75	.76	.66	.12	2.42	Green	P37	11	37	3/4	10
LCDX1-14D-X				1/4	1.00	.76	.66	.12	2.67	Green	P37	11	37	3/4	10
LCDX1-56D-X	#1 AWG	#1 AWG	#1 AWG	5/16	1.00	.76	.66	.12	2.72	Green	P37	11	37	3/4	10
LCDX1-38D-X				3/8	1.00	.76	.66	.12	2.80	Green	P37	11	37	3/4	10
LCDX1-12-X				1/2	1.75	.80	.66	.12	3.97	Green	P37	11	37	3/4	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



PANDUIT® ELECTRICAL SOLUTIONS



Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX1/0-14A-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.45	Pink	P42	12	42	3/4	10
LCDX1/0-14B-X				1/4	.75	.85	.72	.13	2.57	Pink	P42	12	42	3/4	10
LCDX1/0-56B-X				5/16	.75	.85	.72	.13	2.57	Pink	P42	12	42	3/4	10
LCDX1/0-56D-X				5/16	1.00	.85	.72	.13	2.82	Pink	P42	12	42	3/4	10
LCDX1/0-38D-X				3/8	1.00	.85	.72	.13	2.89	Pink	P42	12	42	3/4	10
LCDX1/0-12D-X				1/2	1.00	.85	.72	.13	3.14	Pink	P42	12	42	3/4	10
LCDX1/0-12-X				1/2	1.75	.85	.72	.13	4.05	Pink	P42	12	42	3/4	10
LCDX2/0-14A-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.59	Black	P45	13	45	7/8	10
LCDX2/0-14B-X				1/4	.75	.96	.83	.13	2.72	Black	P45	13	45	7/8	10
LCDX2/0-56D-X				5/16	1.00	.96	.83	.13	2.97	Black	P45	13	45	7/8	10
LCDX2/0-38D-X				3/8	1.00	.96	.83	.13	3.03	Black	P45	13	45	7/8	10
LCDX2/0-12D-X				1/2	1.00	.96	.83	.13	3.28	Black	P45	13	45	7/8	10
LCDX2/0-12-X				1/2	1.75	.96	.83	.13	4.19	Black	P45	13	45	7/8	10
LCDX3/0-14A-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.71	Orange	P50	14	50	1	10
LCDX3/0-56D-X				5/16	1.00	1.06	.91	.14	3.10	Orange	P50	14	50	1	10
LCDX3/0-38D-X				3/8	1.00	1.06	.91	.14	3.17	Orange	P50	14	50	1	10
LCDX3/0-12-X				1/2	1.75	1.06	.91	.14	4.31	Orange	P50	14	50	1	10
LCDX4/0-14A-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.74	Purple	P54	15	54	1 1/16	10
LCDX4/0-14B-X				1/4	.75	1.19	1.03	.16	2.96	Purple	P54	15	54	1 1/16	10
LCDX4/0-56D-X				5/16	1.00	1.19	1.03	.16	3.31	Purple	P54	15	54	1 1/16	10
LCDX4/0-38D-X				3/8	1.00	1.19	1.03	.16	3.34	Purple	P54	15	54	1 1/16	10
LCDX4/0-12D-X				1/2	1.00	1.19	1.03	.16	3.61	Purple	P54	15	54	1 1/16	10
LCDX4/0-12E-X				1/2	1.25	1.19	1.03	.16	3.89	Purple	P54	15	54	1 1/16	10
LCDX4/0-12-X	1/2	1.75	1.19	1.03	.16	4.52	Purple	P54	15	54	1 1/16	10			
LCDX250-38D-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	3.38	Yellow	P62	16	62	1 1/16	10
LCDX250-38-X				3/8	1.75	1.28	1.03	.17	4.13	Yellow	P62	16	62	1 1/16	10
LCDX250-12E-X				1/2	1.25	1.28	1.03	.17	3.93	Yellow	P62	16	62	1 1/16	10
LCDX250-12-X				1/2	1.75	1.28	1.03	.17	4.56	Yellow	P62	16	62	1 1/16	10
LCDX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.56	Red	P71	18	71H	1 1/4	6
LCDX300-12-6				1/2	1.75	1.39	1.19	.18	4.74	Red	P71	18	71H	1 1/4	6
LCDX350-56D-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.71	Blue	P76	19	76H	1 3/8	6
LCDX350-38D-6				3/8	1.00	1.54	1.29	.22	3.74	Blue	P76	19	76H	1 3/8	6
LCDX350-38-6				3/8	1.75	1.54	1.29	.22	4.49	Blue	P76	19	76H	1 3/8	6
LCDX350-12E-6				1/2	1.25	1.54	1.29	.22	4.29	Blue	P76	19	76H	1 3/8	6
LCDX350-12-6	1/2	1.75	1.54	1.29	.22	4.92	Blue	P76	19	76H	1 3/8	6			
LCDX450-38D-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	.26	3.90	Brown	P87	20	87H	1 7/16	6
LCDX450-12-6				1/2	1.75	1.70	1.40	.26	5.08	Brown	P87	20	87H	1 7/16	6
LCDX500-56D-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	4.05	Pink	P99	L99	99H	1 9/16	6
LCDX500-38D-6				3/8	1.00	1.89	1.48	.26	4.08	Pink	P99	L99	99H	1 9/16	6
LCDX500-12E-6				1/2	1.25	1.89	1.48	.26	4.76	Pink	P99	L99	99H	1 9/16	6
LCDX500-12-6				1/2	1.75	1.89	1.48	.26	5.26	Pink	P99	L99	99H	1 9/16	6
LCDX600-12-6	600 kcmil Class G, H, I only	—	—	1/2	1.75	1.89	1.48	.26	5.26	Pink	P99	400	99H	1 9/16	6
LCDX650-38D-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	4.08	Black	P106	24	106H	1 1/2	6
LCDX650-12-6				1/2	1.75	1.95	1.45	.30	5.26	Black	P106	24	106H	1 1/2	6
LCDX750-38D-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	4.62	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12E-3				1/2	1.25	2.17	1.66	.32	5.06	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12G-3				1/2	1.50	2.17	1.66	.32	5.31	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12-3				1/2	1.75	2.17	1.66	.32	5.56	Yellow	P115	L115	115H	1 3/4	3
LCDX750-58G-3				5/8	1.50	2.17	1.66	.32	5.37	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
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Request Info



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D2.83

A. System Overview



Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

B2. Cable Accessories

Type LCDX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing

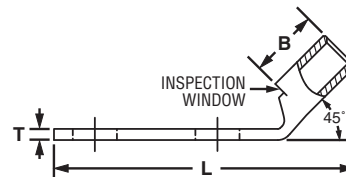
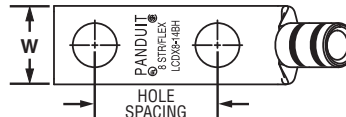
B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.†	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX8-10AH-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.42	.08	1.63	Red	P21	49	21	1/2	50
LCDX8-14AH-L				1/4	.63	.48	.42	.07	1.71	Red	P21	49	21	1/2	50
LCDX8-14BH-L				1/4	.75	.48	.42	.07	1.84	Red	P21	49	21	1/2	50
LCDX8-14DH-L				1/4	1.00	.48	.42	.07	2.09	Red	P21	49	21	1/2	50
LCDX8-38DH-L				3/8	1.00	.60	.42	.05	2.30	Red	P21	49	21	1/2	50
LCDX6-10AH-L	#6 AWG	#6 AWG	#6 AWG	#10	.63	.46	.48	.08	1.68	Blue	P24	7	24	9/16	50
LCDX6-10BH-L				#10	.75	.46	.48	.08	1.81	Blue	P24	7	24	9/16	50
LCDX6-10GH-L				#10	1.50	.46	.48	.08	2.56	Blue	P24	7	24	9/16	50
LCDX6-10PH-L				#10	.69	.46	.48	.08	1.74	Blue	P24	7	24	9/16	50
LCDX6-14AH-L	#6 AWG	#6 AWG	#6 AWG	1/4	.63	.48	.48	.08	1.77	Blue	P24	7	24	9/16	50
LCDX6-14BH-L				1/4	.75	.48	.48	.08	1.89	Blue	P24	7	24	9/16	50
LCDX6-14DH-L				1/4	1.00	.48	.48	.08	2.14	Blue	P24	7	24	9/16	50
LCDX6-56DH-L				5/16	1.00	.56	.48	.07	2.26	Blue	P24	7	24	9/16	50
LCDX6-38DH-L				3/8	1.00	.62	.48	.06	2.35	Blue	P24	7	24	9/16	50
LCDX4-14AH-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	.53	.09	1.83	Gray	P29	8	29	5/8	50
LCDX4-14BH-L				1/4	.75	.55	.53	.09	1.96	Gray	P29	8	29	5/8	50
LCDX4-14DH-L				1/4	1.00	.55	.53	.09	2.21	Gray	P29	8	29	5/8	50
LCDX4-56DH-L				5/16	1.00	.55	.53	.09	2.33	Gray	P29	8	29	5/8	50
LCDX4-38DH-L				3/8	1.00	.62	.53	.08	2.42	Gray	P29	8	29	5/8	50
LCDX2-14AH-E*	#2 AWG	#2 AWG	#2 AWG	1/4	.63	.70	.59	.11	1.92	Brown	P33	10	33	11/16	20
LCDX2-14BH-E*				1/4	.75	.70	.59	.11	2.04	Brown	P33	10	33	11/16	20
LCDX2-14DH-E*				1/4	1.00	.70	.59	.11	2.29	Brown	P33	10	33	11/16	20
LCDX2-56DH-E*				5/16	1.00	.70	.59	.11	2.42	Brown	P33	10	33	11/16	20
LCDX2-38DH-E*				3/8	1.00	.70	.59	.11	2.49	Brown	P33	10	33	11/16	20
LCDX2-12H-E*				1/2	1.75	.75	.59	.09	3.66	Brown	P33	10	33	11/16	20
LCDX1-14AH-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	.66	.12	2.06	Green	P37	11	37	3/4	10
LCDX1-14BH-X				1/4	.75	.76	.66	.12	2.18	Green	P37	11	37	3/4	10
LCDX1-14DH-X				1/4	1.00	.76	.66	.12	2.43	Green	P37	11	37	3/4	10
LCDX1-56DH-X				5/16	1.00	.76	.66	.12	2.49	Green	P37	11	37	3/4	10
LCDX1-38DH-X				3/8	1.00	.76	.66	.12	2.56	Green	P37	11	37	3/4	10
LCDX1-12H-X				1/2	1.75	.80	.66	.12	3.73	Green	P37	11	37	3/4	10

†See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX1/0-14AH-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.21	Pink	P42	12	42	3/4	10
LCDX1/0-14BH-X				1/4	.75	.85	.72	.13	2.33	Pink	P42	12	42	3/4	10
LCDX1/0-56BH-X				5/16	.75	.85	.72	.13	2.33	Pink	P42	12	42	3/4	10
LCDX1/0-56DH-X				5/16	1.00	.85	.72	.13	2.58	Pink	P42	12	42	3/4	10
LCDX1/0-38DH-X				3/8	1.00	.85	.72	.13	2.64	Pink	P42	12	42	3/4	10
LCDX1/0-12DH-X				1/2	1.00	.85	.72	.13	2.89	Pink	P42	12	42	3/4	10
LCDX1/0-12H-X				1/2	1.75	.85	.72	.13	3.81	Pink	P42	12	42	3/4	10
LCDX2/0-14AH-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.30	Black	P45	13	45	7/8	10
LCDX2/0-14BH-X				1/4	.75	.96	.83	.13	2.43	Black	P45	13	45	7/8	10
LCDX2/0-56DH-X				5/16	1.00	.96	.83	.13	2.68	Black	P45	13	45	7/8	10
LCDX2/0-38DH-X				3/8	1.00	.96	.83	.13	2.74	Black	P45	13	45	7/8	10
LCDX2/0-12DH-X				1/2	1.00	.96	.83	.13	3.03	Black	P45	13	45	7/8	10
LCDX2/0-12H-X				1/2	1.75	.96	.83	.13	3.90	Black	P45	13	45	7/8	10
LCDX3/0-14AH-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.39	Orange	P50	14	50	1	10
LCDX3/0-56DH-X				5/16	1.00	1.06	.91	.14	2.78	Orange	P50	14	50	1	10
LCDX3/0-38DH-X				3/8	1.00	1.06	.91	.14	2.85	Orange	P50	14	50	1	10
LCDX3/0-12H-X				1/2	1.75	1.06	.91	.14	3.99	Orange	P50	14	50	1	10
LCDX4/0-14AH-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.67	Purple	P54	15	54	1 1/16	10
LCDX4/0-14BH-X				1/4	.75	1.19	1.03	.16	2.79	Purple	P54	15	54	1 1/16	10
LCDX4/0-56DH-X				5/16	1.00	1.19	1.03	.16	3.04	Purple	P54	15	54	1 1/16	10
LCDX4/0-38DH-X				3/8	1.00	1.19	1.03	.16	3.07	Purple	P54	15	54	1 1/16	10
LCDX4/0-12DH-X				1/2	1.00	1.19	1.03	.16	3.36	Purple	P54	15	54	1 1/16	10
LCDX4/0-12EH-X				1/2	1.25	1.19	1.03	.16	3.62	Purple	P54	15	54	1 1/16	10
LCDX4/0-12H-X	1/2	1.75	1.19	1.03	.16	4.25	Purple	P54	15	54	1 1/16	10			
LCDX250-38DH-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	3.11	Yellow	P62	16	62	1 1/16	10
LCDX250-38H-X				3/8	1.75	1.28	1.03	.17	3.86	Yellow	P62	16	62	1 1/16	10
LCDX250-12EH-X				1/2	1.25	1.28	1.03	.17	3.66	Yellow	P62	16	62	1 1/16	10
LCDX250-12H-X				1/2	1.75	1.28	1.03	.17	4.29	Yellow	P62	16	62	1 1/16	10
LCDX300-38DH-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.29	Red	P71	18	71H	1 1/4	6
LCDX300-12H-6				1/2	1.75	1.39	1.19	.18	4.47	Red	P71	18	71H	1 1/4	6
LCDX350-56DH-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.40	Blue	P76	19	76H	1 3/8	6
LCDX350-38DH-6				3/8	1.00	1.54	1.29	.22	3.43	Blue	P76	19	76H	1 3/8	6
LCDX350-38H-6				3/8	1.75	1.54	1.29	.22	4.18	Blue	P76	19	76H	1 3/8	6
LCDX350-12EH-6				1/2	1.25	1.54	1.29	.22	3.98	Blue	P76	19	76H	1 3/8	6
LCDX350-12H-6				1/2	1.75	1.54	1.29	.22	4.61	Blue	P76	19	76H	1 3/8	6
LCDX450-38DH-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	.26	3.75	Brown	P87	20	87H	1 7/16	6
LCDX450-12H-6				1/2	1.75	1.70	1.40	.26	4.74	Brown	P87	20	87H	1 7/16	6
LCDX500-56DH-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	3.70	Pink	P99	L99	99H	1 9/16	6
LCDX500-38DH-6				3/8	1.00	1.89	1.48	.26	3.73	Pink	P99	L99	99H	1 9/16	6
LCDX500-12EH-6				1/2	1.25	1.89	1.48	.26	4.41	Pink	P99	L99	99H	1 9/16	6
LCDX500-12H-6				1/2	1.75	1.89	1.48	.26	4.91	Pink	P99	L99	99H	1 9/16	6
LCDX600-12H-6	600 kcmil Class G, H, I only	—	—	1/2	1.75	1.89	1.48	.26	4.91	Pink	P99	400	99H	1 9/16	6
LCDX650-38DH-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	3.74	Black	P106	24	106H	1 1/2	6
LCDX650-12H-6				1/2	1.75	1.95	1.45	.30	4.92	Black	P106	24	106H	1 1/2	6
LCDX750-38DH-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	4.21	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12EH-3				1/2	1.25	2.17	1.66	.32	4.65	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12GH-3				1/2	1.50	2.17	1.66	.32	4.90	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12H-3				1/2	1.75	2.17	1.66	.32	5.15	Yellow	P115	L115	115H	1 3/4	3
LCDX750-58GH-3				5/8	1.50	2.17	1.66	.32	4.90	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



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A. System Overview



Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCDX-F

B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing

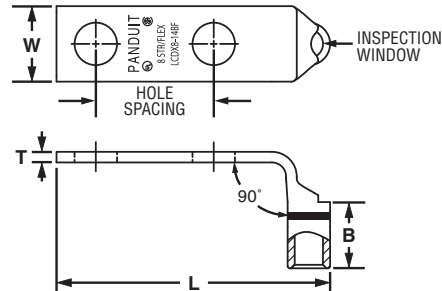
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Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX8-10AF-L				#10	.63	.41	.42	.08	1.53	Red	P21	49	21	1/2	50
LCDX8-14AF-L				1/4	.63	.48	.42	.07	1.62	Red	P21	49	21	1/2	50
LCDX8-14BF-L	#8 AWG	#8 AWG	#8 AWG	1/4	.75	.48	.42	.07	1.74	Red	P21	49	21	1/2	50
LCDX8-14DF-L				1/4	1.00	.48	.42	.07	1.99	Red	P21	49	21	1/2	50
LCDX8-38DF-L				3/8	1.00	.63	.42	.05	2.21	Red	P21	49	21	1/2	50
LCDX6-10AF-L				#10	.63	.46	.48	.08	1.57	Blue	P24	7	24	9/16	50
LCDX6-10BF-L				#10	.75	.46	.48	.08	1.69	Blue	P24	7	24	9/16	50
LCDX6-10GF-L				#10	1.50	.46	.48	.08	2.44	Blue	P24	7	24	9/16	50
LCDX6-10PF-L				#10	.69	.46	.48	.08	1.63	Blue	P24	7	24	9/16	50
LCDX6-14AF-L	#6 AWG	#6 AWG	#6 AWG	1/4	.63	.48	.48	.08	1.66	Blue	P24	7	24	9/16	50
LCDX6-14BF-L				1/4	.75	.48	.48	.08	1.78	Blue	P24	7	24	9/16	50
LCDX6-14DF-L				1/4	1.00	.48	.48	.08	2.03	Blue	P24	7	24	9/16	50
LCDX6-56DF-L				5/16	1.00	.56	.48	.07	2.15	Blue	P24	7	24	9/16	50
LCDX6-38DF-L				3/8	1.00	.62	.48	.06	2.25	Blue	P24	7	24	9/16	50
LCDX4-14AF-L				1/4	.63	.55	.53	.09	1.74	Gray	P29	8	29	5/8	50
LCDX4-14BF-L				1/4	.75	.55	.53	.09	1.87	Gray	P29	8	29	5/8	50
LCDX4-14DF-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	1.00	.55	.53	.09	2.12	Gray	P29	8	29	5/8	50
LCDX4-56DF-L				5/16	1.00	.55	.53	.09	2.24	Gray	P29	8	29	5/8	50
LCDX4-38DF-L				3/8	1.00	.62	.53	.08	2.34	Gray	P29	8	29	5/8	50
LCDX2-14AF-E*				1/4	.63	.70	.59	.11	1.94	Brown	P33	10	33	11/16	20
LCDX2-14BF-E*				1/4	.75	.70	.59	.11	2.06	Brown	P33	10	33	11/16	20
LCDX2-14DF-E*				1/4	1.00	.70	.59	.11	2.31	Brown	P33	10	33	11/16	20
LCDX2-56DF-E*	#2 AWG	#2 AWG	#2 AWG	5/16	1.00	.70	.59	.11	2.44	Brown	P33	10	33	11/16	20
LCDX2-38DF-E*				3/8	1.00	.70	.59	.11	2.51	Brown	P33	10	33	11/16	20
LCDX2-12F-E*				1/2	1.75	.75	.59	.09	3.68	Brown	P33	10	33	11/16	20
LCDX1-14AF-X				1/4	.63	.76	.66	.12	2.08	Green	P37	11	37	3/4	10
LCDX1-14BF-X				1/4	.75	.76	.66	.12	2.20	Green	P37	11	37	3/4	10
LCDX1-14DF-X				1/4	1.00	.76	.66	.12	2.45	Green	P37	11	37	3/4	10
LCDX1-56DF-X	#1 AWG	#1 AWG	#1 AWG	5/16	1.00	.76	.66	.12	2.51	Green	P37	11	37	3/4	10
LCDX1-38DF-X				3/8	1.00	.76	.66	.12	2.58	Green	P37	11	37	3/4	10
LCDX1-12F-X				1/2	1.75	.80	.66	.12	3.75	Green	P37	11	37	3/4	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX1/0-14AF-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.22	Pink	P42	12	42	3/4	10
LCDX1/0-14BF-X				1/4	.75	.85	.72	.13	2.34	Pink	P42	12	42	3/4	10
LCDX1/0-56BF-X				5/16	.75	.85	.72	.13	2.34	Pink	P42	12	42	3/4	10
LCDX1/0-56DF-X				5/16	1.00	.85	.72	.13	2.59	Pink	P42	12	42	3/4	10
LCDX1/0-38DF-X				3/8	1.00	.85	.72	.13	2.66	Pink	P42	12	42	3/4	10
LCDX1/0-12DF-X				1/2	1.00	.85	.72	.13	2.91	Pink	P42	12	42	3/4	10
LCDX1/0-12F-X				1/2	1.75	.85	.72	.13	3.82	Pink	P42	12	42	3/4	10
LCDX2/0-14AF-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.29	Black	P45	13	45	7/8	10
LCDX2/0-14BF-X				1/4	.75	.96	.83	.13	2.42	Black	P45	13	45	7/8	10
LCDX2/0-56DF-X				5/16	1.00	.96	.83	.13	2.67	Black	P45	13	45	7/8	10
LCDX2/0-38DF-X				3/8	1.00	.96	.83	.13	2.73	Black	P45	13	45	7/8	10
LCDX2/0-12DF-X				1/2	1.00	.96	.83	.13	2.98	Black	P45	13	45	7/8	10
LCDX2/0-12F-X	1/2	1.75	.96	.83	.13	3.89	Black	P45	13	45	7/8	10			
LCDX3/0-14AF-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.38	Orange	P50	14	50	1	10
LCDX3/0-56DF-X				5/16	1.00	1.06	.91	.14	2.77	Orange	P50	14	50	1	10
LCDX3/0-38DF-X				3/8	1.00	1.06	.91	.14	2.84	Orange	P50	14	50	1	10
LCDX3/0-12F-X				1/2	1.75	1.06	.91	.14	3.98	Orange	P50	14	50	1	10
LCDX4/0-14AF-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.28	Purple	P54	15	54	1 1/16	10
LCDX4/0-14BF-X				1/4	.75	1.19	1.03	.16	2.40	Purple	P54	15	54	1 1/16	10
LCDX4/0-56DF-X				5/16	1.00	1.19	1.03	.16	2.85	Purple	P54	15	54	1 1/16	10
LCDX4/0-38DF-X				3/8	1.00	1.19	1.03	.16	2.88	Purple	P54	15	54	1 1/16	10
LCDX4/0-12DF-X				1/2	1.00	1.19	1.03	.16	3.15	Purple	P54	15	54	1 1/16	10
LCDX4/0-12EF-X				1/2	1.25	1.19	1.03	.16	3.43	Purple	P54	15	54	1 1/16	10
LCDX4/0-12F-X				1/2	1.75	1.19	1.03	.16	4.06	Purple	P54	15	54	1 1/16	10
LCDX250-38DF-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	2.94	Yellow	P62	16	62	1 1/16	10
LCDX250-38F-X				3/8	1.75	1.28	1.03	.17	3.69	Yellow	P62	16	62	1 1/16	10
LCDX250-12EF-X				1/2	1.25	1.28	1.03	.17	3.49	Yellow	P62	16	62	1 1/16	10
LCDX250-12F-X				1/2	1.75	1.28	1.03	.17	4.12	Yellow	P62	16	62	1 1/16	10
LCDX300-38DF-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.02	Red	P71	18	71H	1 1/4	6
LCDX300-12F-6				1/2	1.75	1.39	1.19	.18	4.20	Red	P71	18	71H	1 1/4	6
LCDX350-56DF-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.10	Blue	P76	19	76H	1 3/8	6
LCDX350-38DF-6				3/8	1.00	1.54	1.29	.22	3.13	Blue	P76	19	76H	1 3/8	6
LCDX350-38F-6				3/8	1.75	1.54	1.29	.22	3.88	Blue	P76	19	76H	1 3/8	6
LCDX350-12EF-6				1/2	1.25	1.54	1.29	.22	3.68	Blue	P76	19	76H	1 3/8	6
LCDX350-12F-6	450 kcmil	444.4 kcmil	—	1/2	1.75	1.54	1.29	.22	4.31	Blue	P76	19	76H	1 3/8	6
LCDX450-38DF-6				3/8	1.00	1.70	1.40	.26	3.26	Brown	P87	20	87H	1 7/16	6
LCDX450-12F-6				1/2	1.75	1.70	1.40	.26	4.44	Brown	P87	20	87H	1 7/16	6
LCDX500-56DF-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	3.29	Pink	P99	L99	99H	1 9/16	6
LCDX500-38DF-6				3/8	1.00	1.89	1.48	.26	3.32	Pink	P99	L99	99H	1 9/16	6
LCDX500-12EF-6				1/2	1.25	1.89	1.48	.26	4.00	Pink	P99	L99	99H	1 9/16	6
LCDX500-12F-6				1/2	1.75	1.89	1.48	.26	4.50	Pink	P99	L99	99H	1 9/16	6
LCDX600-12F-6	600 kcmil Class G, H, I only	—	—	1/2	1.75	1.89	1.48	.26	4.50	Pink	P99	400	99H	1 9/16	6
LCDX650-38DF-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	3.37	Black	P106	24	106H	1 1/2	6
LCDX650-12F-6				1/2	1.75	1.95	1.45	.30	4.55	Black	P106	24	106H	1 1/2	6
LCDX750-38DF-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	3.76	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12EF-3				1/2	1.25	2.17	1.66	.32	4.20	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12GF-3				1/2	1.50	2.17	1.66	.32	4.45	Yellow	P115	L115	115H	1 3/4	3
LCDX750-12F-3				1/2	1.75	2.17	1.66	.32	4.70	Yellow	P115	L115	115H	1 3/4	3
LCDX750-58GF-3	5/8	1.50	2.17	1.66	.32	4.45	Yellow	P115	L115	115H	1 3/4	3			

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



Flex Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

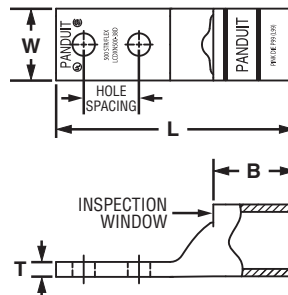
B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCDXN

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDXN2-14A-E*	#2 AWG	#2 AWG	#2 AWG	1/4	.63	.47	.59	.11	2.13	Brown	P33	10	33	11/16	20
LCDXN4/0-38D-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.00	.81	1.03	.16	3.34	Purple	P54	15	54	1 1/16	10
LCDXN350-38D-6	350 kcmil	373.7 kcmil	—	3/8	1.00	1.06	1.29	.22	3.74	Blue	P76	19	76H	1 3/8	6
LCDXN500-38D-6	500 kcmil	535.3 kcmil	—	3/8	1.00	1.30	1.48	.28	4.32	Pink	P99	L99	99H	1 9/16	6
LCDXN750-38D-3	—	777.7 kcmil	—	3/8	1.00	1.50	1.66	.34	4.62	Yellow	P115	L115	115H	1 3/4	3
◆ LCDXN750-12-3	—	777.7 kcmil	—	1/2	1.75	1.50	1.66	.35	5.55	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





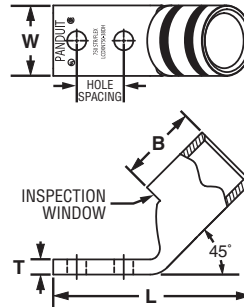
Flex Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 45°

For Use with Flexible Copper Conductors

Type LCDXN-H

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDXN2-14AH-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.47	0.59	0.11	1.92	Brown	P33	10	33	11/16	20
LCDXN750-38DH-3	—	777.7 kcmil	—	3/8	1.00	1.50	1.66	0.35	4.22	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



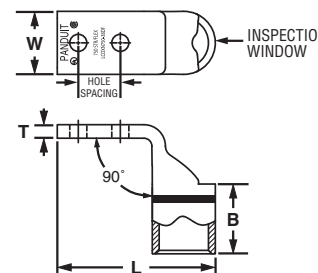
Flex Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 90°

For Use with Flexible Copper Conductors

Type LCDXN-F

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDXN2-14AF-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.47	0.59	0.11	1.94	Brown	P33	10	33	11/16	20
LCDXN750-38DF-3	—	777.7 kcmil	—	3/8	1.00	1.50	1.66	0.35	3.76	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



A. System Overview



Flex Conductor, Two-Hole, Long Barrel with Window Lug

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCCX

B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion

- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

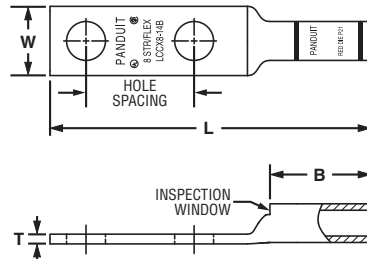


Figure 1

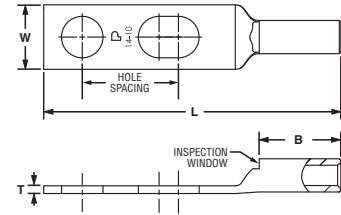


Figure 2: Slotted

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX8-10A-L	#8 AWG	#8 AWG	#8 AWG	#10	0.63	0.41	0.70	0.08	2.01	Red	P21	49	21	3/4	50
LCCX8-10B-L				#10	0.75	0.41	0.70	0.08	2.14	Red	P21	49	21	3/4	50
LCCX8-10AB-L^				#10	0.63 – 0.75	0.41	0.70	0.08	2.14	Red	P21	49	21	3/4	50
LCCX8-14A-L				1/4	0.63	0.48	0.70	0.07	2.10	Red	P21	49	21	3/4	50
LCCX8-14B-L				1/4	0.75	0.48	0.70	0.07	2.23	Red	P21	49	21	3/4	50
LCCX8-14AB-L^				1/4	0.63 – 0.75	0.48	0.70	0.07	2.23	Red	P21	49	21	3/4	50
LCCX8-14D-L				1/4	1.00	0.48	0.70	0.07	2.48	Red	P21	49	21	3/4	50
LCCX8-38D-L				3/8	1.00	0.60	0.70	0.05	2.70	Red	P21	49	21	3/4	50
LCCX6-10B-L				#6 AWG	#6 AWG	#6 AWG	#10	0.75	0.46	1.07	0.08	2.52	Blue	P24	7
LCCX6-14A-L	1/4	0.63	0.48				1.07	0.08	2.49	Blue	P24	7	24	1 1/8	50
LCCX6-14B-L	1/4	0.75	0.48				1.07	0.08	2.61	Blue	P24	7	24	1 1/8	50
LCCX6-14AB-L^	1/4	0.63 – 0.75	0.48				1.07	0.08	2.61	Blue	P24	7	24	1 1/8	50
LCCX6-14D-L	1/4	1.00	0.48				1.07	0.08	2.86	Blue	P24	7	24	1 1/8	50
LCCX6-38A-L	3/8	0.63	0.62				1.07	0.06	2.71	Blue	P24	7	24	1 1/8	50
LCCX6-38C-L	3/8	0.88	0.62				1.07	0.06	2.96	Blue	P24	7	24	1 1/8	50
LCCX6-38AC-L^	3/8	0.63 – 0.88	0.62				1.07	0.06	2.96	Blue	P24	7	24	1 1/8	50
LCCX6-38D-L	3/8	1.00	0.62				1.07	0.06	3.08	Blue	P24	7	24	1 1/8	50
LCCX4-14A-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.63	0.55	1.05	0.09	2.49	Gray	P29	8	29	1 1/8	50
LCCX4-14B-L				1/4	0.75	0.55	1.05	0.09	2.63	Gray	P29	8	29	1 1/8	50
LCCX4-14AB-L^				1/4	0.63 – 0.75	0.55	1.05	0.09	2.63	Gray	P29	8	29	1 1/8	50
LCCX4-14CE-L^				1/4	0.88 – 1.25	0.55	1.05	0.09	3.12	Gray	P29	8	29	1 1/8	50
LCCX4-38B-L				3/8	0.75	0.62	1.05	0.08	2.84	Gray	P29	8	29	1 1/8	50
LCCX4-38D-L				3/8	1.00	0.62	1.05	0.08	3.09	Gray	P29	8	29	1 1/8	50
LCCX4-38BD-L^				3/8	0.75 – 1.00	0.62	1.05	0.08	3.09	Gray	P29	8	29	1 1/8	50

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.





Flex Conductor, Two-Hole, Long Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX2-14A-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.70	1.36	0.11	2.89	Brown	P33	10	33	1 7/16	20
LCCX2-14B-E*				1/4	0.75	0.70	1.36	0.11	3.01	Brown	P33	10	33	1 7/16	20
LCCX2-38D-E*				3/8	1.00	0.70	1.36	0.11	3.46	Brown	P33	10	33	1 7/16	20
LCCX2-12-E*	#1 AWG	#1 AWG	#1 AWG	1/2	1.75	0.75	1.36	0.09	4.63	Brown	P33	10	33	1 7/16	20
LCCX1-14A-X				1/4	0.63	0.76	1.44	0.12	3.07	Green	P37	11	37	1 1/2	10
LCCX1-14B-X				1/4	0.75	0.76	1.44	0.12	3.19	Green	P37	11	37	1 1/2	10
LCCX1-14D-X				1/4	1.00	0.76	1.44	0.12	3.44	Green	P37	11	37	1 1/2	10
LCCX1-56C-X				5/16	0.88	0.76	1.44	0.12	3.37	Green	P37	11	37	1 1/2	10
LCCX1-56D-X				5/16	1.00	0.76	1.44	0.12	3.50	Green	P37	11	37	1 1/2	10
LCCX1-38D-X	1/0 AWG	1/0 AWG	1/0 AWG	3/8	1.00	0.76	1.44	0.12	3.57	Green	P37	11	37	1 1/2	10
LCCX1/0-14A-X				1/4	0.63	0.85	1.50	0.13	3.23	Pink	P42	12	42	1 9/16	10
LCCX1/0-14B-X				1/4	0.75	0.85	1.50	0.13	3.36	Pink	P42	12	42	1 9/16	10
LCCX1/0-38D-X				3/8	1.00	0.85	1.50	0.13	3.67	Pink	P42	12	42	1 9/16	10
LCCX1/0-12-X	2/0 AWG	2/0 AWG	2/0 AWG	1/2	1.75	0.85	1.50	0.13	4.83	Pink	P42	12	42	1 9/16	10
LCCX2/0-14A-X				1/4	0.63	0.96	1.50	0.13	3.27	Black	P45	13	45	1 9/16	10
LCCX2/0-14B-X				1/4	0.75	0.96	1.50	0.13	3.39	Black	P45	13	45	1 9/16	10
LCCX2/0-38D-X				3/8	1.00	0.96	1.50	0.13	3.70	Black	P45	13	45	1 9/16	10
LCCX2/0-12-X				1/2	1.75	0.96	1.50	0.13	4.87	Black	P45	13	45	1 9/16	10
LCCX3/0-14B-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	0.75	1.06	1.56	0.14	3.48	Orange	P50	14	50	1 5/8	10
LCCX3/0-38D-X				3/8	1.00	1.06	1.56	0.14	3.81	Orange	P50	14	50	1 5/8	10
LCCX4/0-14B-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	0.75	1.19	2.24	0.16	4.07	Purple	P54	15	54	2 5/16	10
LCCX4/0-38D-X				3/8	1.00	1.19	2.24	0.16	4.55	Purple	P54	15	54	2 5/16	10
LCCX4/0-12-X				1/2	1.75	1.19	2.24	0.16	5.73	Purple	P54	15	54	2 5/16	10
LCCX250-14B-X	250 kcmil	262.6 kcmil	—	1/4	0.75	1.28	2.24	0.17	4.11	Yellow	P62	16	62	2 5/16	10
LCCX250-38D-X				3/8	1.00	1.28	2.24	0.17	4.59	Yellow	P62	16	62	2 5/16	10
LCCX250-12-X				1/2	1.75	1.28	2.24	0.17	5.77	Yellow	P62	16	62	2 5/16	10
LCCX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	0.18	4.67	Red	P71	18	71H	2 3/8	6
LCCX300-12-6	300 kcmil	313.1 kcmil	—	1/2	1.75	1.39	2.30	0.18	5.85	Red	P71	18	71H	2 3/8	6
LCCX350-14B-6	350 kcmil	373.7 kcmil	—	1/4	0.75	1.54	2.50	0.22	4.47	Blue	P76	19	76H	2 9/16	6
LCCX350-38D-6				3/8	1.00	1.54	2.50	0.22	4.95	Blue	P76	19	76H	2 9/16	6
LCCX350-12-6				1/2	1.75	1.54	2.50	0.22	6.13	Blue	P76	19	76H	2 9/16	6
LCCX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.75	1.70	2.69	0.26	6.37	Brown	P87	20	87	2 3/4	6
LCCX500-38D-6	500 kcmil	535.3 kcmil	—	3/8	1.00	1.89	2.88	0.26	5.72	Pink	P99	L99	99H	2 15/16	6
LCCX500-12-6				1/2	1.75	1.89	2.88	0.26	6.66	Pink	P99	L99	99H	2 15/16	6
LCCX650-12-6	—	646.4 kcmil	—	1/2	1.75	1.95	2.94	0.30	6.75	Black	P106	24	106H	3.00	6

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.

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- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
- C3. Abrasion Protection
- C4. Cable Management
- D1. Terminals
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- D3. Grounding Connectors
- E1. Labeling Systems
- E2. Labels
- E3. Pre-Printed & Write-On Markers
- E4. Permanent Identification
- E5. Lockout/Tagout & Safety Solutions
- F. Index



A. System Overview



Flex Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

B2. Cable Accessories

Type LCCX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

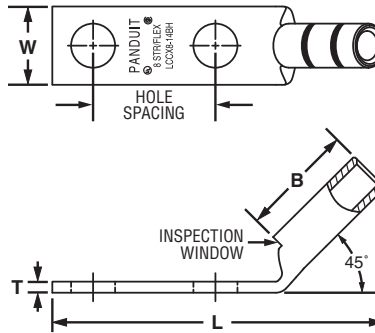
C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX8-10AH-L	#8 AWG	#8 AWG	#8 AWG	#10	0.63	0.41	0.70	0.08	1.82	Red	P21	49	21	3/4	50
LCCX8-10BH-L				#10	0.75	0.41	0.70	0.08	1.95	Red	P21	49	21	3/4	50
LCCX8-14AH-L				1/4	0.63	0.48	0.70	0.07	1.91	Red	P21	49	21	3/4	50
LCCX8-14BH-L				1/4	0.75	0.48	0.70	0.07	2.03	Red	P21	49	21	3/4	50
LCCX8-14DH-L				1/4	1.00	0.48	0.70	0.07	2.28	Red	P21	49	21	3/4	50
LCCX8-38DH-L				3/8	1.00	0.60	0.70	0.05	2.49	Red	P21	49	21	3/4	50
LCCX6-10BH-L	#6 AWG	#6 AWG	#6 AWG	#10	0.75	0.46	1.07	0.08	2.22	Blue	P24	7	24	1 1/8	50
LCCX6-14AH-L				1/4	0.63	0.48	1.07	0.08	2.18	Blue	P24	7	24	1 1/8	50
LCCX6-14BH-L				1/4	0.75	0.48	1.07	0.08	2.31	Blue	P24	7	24	1 1/8	50
LCCX6-14DH-L				1/4	1.00	0.48	1.07	0.08	2.56	Blue	P24	7	24	1 1/8	50
LCCX6-38AH-L				3/8	0.63	0.62	1.07	0.06	2.39	Blue	P24	7	24	1 1/8	50
LCCX6-38CH-L				3/8	0.88	0.62	1.07	0.06	2.64	Blue	P24	7	24	1 1/8	50
LCCX6-38DH-L	3/8	1.00	0.62	1.07	0.06	2.77	Blue	P24	7	24	1 1/8	50			
LCCX4-14AH-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.63	0.55	1.05	0.09	2.20	Gray	P29	8	29	1 1/8	50
LCCX4-14BH-L				1/4	0.75	0.55	1.05	0.09	2.32	Gray	P29	8	29	1 1/8	50
LCCX4-38BH-L				3/8	0.75	0.62	1.05	0.08	2.54	Gray	P29	8	29	1 1/8	50
LCCX4-38DH-L				3/8	1.00	0.62	1.05	0.08	2.79	Gray	P29	8	29	1 1/8	20
LCCX2-14AH-E	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.70	1.36	0.11	2.46	Brown	P33	10	33	1 7/16	20
LCCX2-14BH-E				1/4	0.75	0.70	1.36	0.11	2.58	Brown	P33	10	33	1 7/16	20
LCCX2-38DH-E				3/8	1.00	0.70	1.36	0.11	3.04	Brown	P33	10	33	1 7/16	20
LCCX2-12H-E				1/2	1.75	0.75	1.36	0.09	4.20	Brown	P33	10	33	1 7/16	10
LCCX1-14AH-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.63	0.76	1.44	0.12	2.61	Green	P37	11	37	1 1/2	10
LCCX1-14BH-X				1/4	0.75	0.76	1.44	0.12	2.73	Green	P37	11	37	1 1/2	10
LCCX1-14DH-X				1/4	1.00	0.76	1.44	0.12	2.98	Green	P37	11	37	1 1/2	10
LCCX1-56CH-X				5/16	0.88	0.76	1.44	0.12	2.91	Green	P37	11	37	1 1/2	10
LCCX1-56DH-X				5/16	1.00	0.76	1.44	0.12	3.04	Green	P37	11	37	1 1/2	10
LCCX1-38DH-X				3/8	1.00	0.76	1.44	0.12	3.11	Green	P37	11	37	1 1/2	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.





Flex Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX1/0-14AH-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.63	0.85	1.50	0.13	2.76	Pink	P42	12	42	1 9/16	10
LCCX1/0-14BH-X				1/4	0.75	0.85	1.50	0.13	2.88	Pink	P42	12	42	1 9/16	10
LCCX1/0-38DH-X				3/8	1.00	0.85	1.50	0.13	3.20	Pink	P42	12	42	1 9/16	10
LCCX1/0-12H-X				1/2	1.75	0.85	1.50	0.13	4.36	Pink	P42	12	42	1 9/16	10
LCCX2/0-14AH-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.63	0.96	1.50	0.13	2.78	Black	P45	13	45	1 9/16	10
LCCX2/0-14BH-X				1/4	0.75	0.96	1.50	0.13	2.91	Black	P45	13	45	1 9/16	10
LCCX2/0-38DH-X				3/8	1.00	0.96	1.50	0.13	3.22	Black	P45	13	45	1 9/16	10
LCCX2/0-12H-X				1/2	1.75	0.96	1.50	0.13	4.38	Black	P45	13	45	1 9/16	10
LCCX3/0-14BH-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	0.75	1.06	1.56	0.14	2.98	Orange	P50	14	50	1 5/8	10
LCCX3/0-38DH-X				3/8	1.00	1.06	1.56	0.14	3.31	Orange	P50	14	50	1 5/8	10
LCCX4/0-14BH-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	0.75	1.19	2.24	0.16	3.45	Purple	P54	15	54	2 5/16	10
LCCX4/0-38DH-X				3/8	1.00	1.19	2.24	0.16	3.93	Purple	P54	15	54	2 5/16	10
LCCX4/0-12H-X				1/2	1.75	1.19	2.24	0.16	5.11	Purple	P54	15	54	2 5/16	10
LCCX250-14BH-X	250 kcmil	262.6 kcmil	—	1/4	0.75	1.28	2.24	0.17	3.48	Yellow	P62	16	62	2 5/16	10
LCCX250-38DH-X				3/8	1.00	1.28	2.24	0.17	3.96	Yellow	P62	16	62	2 5/16	6
LCCX300-38DH-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	0.18	4.07	Red	P71	18	71H	2 3/8	6
LCCX300-12H-6	300 kcmil	313.1 kcmil	—	1/2	1.75	1.39	2.30	0.18	3.81	Red	P71	18	71H	2 3/8	6
LCCX350-14BH-6	350 kcmil	373.7 kcmil	—	1/4	0.75	1.54	2.50	0.22	3.81	Blue	P76	19	76H	2 9/16	6
LCCX350-38DH-6				3/8	1.00	1.54	2.50	0.22	4.29	Blue	P76	19	76H	2 9/16	6
LCCX350-12H-6				1/2	1.75	1.54	2.50	0.22	5.47	Blue	P76	19	76H	2 9/16	6

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



A. System Overview



Flex Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle

B1. Cable Ties

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCCX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

B2. Cable Accessories

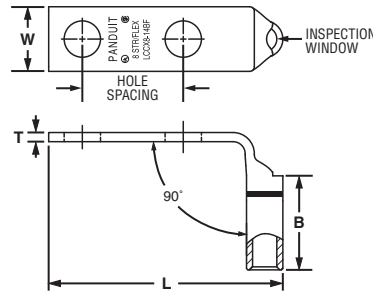
B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.	T&B Die Index No.	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX8-10AF-L	#8 AWG	#8 AWG	#8 AWG	#10	0.63	0.41	0.70	0.08	1.53	Red	P21	49	21	3/4	50
LCCX8-10BF-L				#10	0.75	0.41	0.70	0.08	1.65	Red	P21	49	21	3/4	50
LCCX8-14AF-L				1/4	0.63	0.48	0.70	0.07	1.62	Red	P21	49	21	3/4	50
LCCX8-14BF-L				1/4	0.75	0.48	0.70	0.07	1.74	Red	P21	49	21	3/4	50
LCCX8-14DF-L				1/4	1.00	0.48	0.70	0.07	1.99	Red	P21	49	21	3/4	50
LCCX8-38DF-L				3/8	1.00	0.60	0.70	0.05	2.21	Red	P21	49	21	3/4	50
LCCX6-10BF-L	#6 AWG	#6 AWG	#6 AWG	#10	0.75	0.46	1.07	0.08	1.69	Blue	P24	7	24	1 1/8	50
LCCX6-14AF-L				1/4	0.63	0.48	1.07	0.08	1.66	Blue	P24	7	24	1 1/8	50
LCCX6-14BF-L				1/4	0.75	0.48	1.07	0.08	1.78	Blue	P24	7	24	1 1/8	50
LCCX6-14DF-L				1/4	1.00	0.48	1.07	0.08	2.03	Blue	P24	7	24	1 1/8	50
LCCX6-38AF-L				3/8	0.63	0.62	1.07	0.06	1.88	Blue	P24	7	24	1 1/8	50
LCCX6-38CF-L				3/8	0.88	0.62	1.07	0.06	2.13	Blue	P24	7	24	1 1/8	50
LCCX6-38DF-L	3/8	1.00	0.62	1.07	0.06	2.25	Blue	P24	7	24	1 1/8	50			
LCCX4-14AF-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.63	0.55	1.05	0.09	1.74	Gray	P29	8	29	1 1/8	50
LCCX4-14BF-L				1/4	0.75	0.55	1.05	0.09	1.87	Gray	P29	8	29	1 1/8	50
LCCX4-38BF-L				3/8	0.75	0.62	1.05	0.08	2.09	Gray	P29	8	29	1 1/8	50
LCCX4-38DF-L				3/8	1.00	0.62	1.05	0.08	2.34	Gray	P29	8	29	1 1/8	50
LCCX2-14AF-E	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.70	1.36	0.11	1.94	Brown	P33	10	33	1 7/16	20
LCCX2-14BF-E				1/4	0.75	0.70	1.36	0.11	2.06	Brown	P33	10	33	1 7/16	20
LCCX2-38DF-E				3/8	1.00	0.70	1.36	0.11	2.51	Brown	P33	10	33	1 7/16	20
LCCX2-12F-E				1/2	1.75	0.75	1.36	0.09	3.68	Brown	P33	10	33	1 7/16	20
LCCX1-14AF-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.63	0.76	1.44	0.12	2.08	Green	P37	11	37	1 1/2	10
LCCX1-14BF-X				1/4	0.75	0.76	1.44	0.12	2.20	Green	P37	11	37	1 1/2	10
LCCX1-14DF-X				1/4	1.00	0.76	1.44	0.12	2.45	Green	P37	11	37	1 1/2	10
LCCX1-56CF-X				5/16	0.88	0.76	1.44	0.12	2.38	Green	P37	11	37	1 1/2	10
LCCX1-56DF-X	5/16	1.00	0.76	1.44	0.12	2.51	Green	P37	11	37	1 1/2	10			
LCCX1-38DF-X	3/8	1.00	0.76	1.44	0.12	2.58	Green	P37	11	37	1 1/2	10			
LCCX1/0-14AF-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.63	0.85	1.50	0.13	2.22	Pink	P42	12	42	1 9/16	10
LCCX1/0-14BF-X				1/4	0.75	0.85	1.50	0.13	2.34	Pink	P42	12	42	1 9/16	10
LCCX1/0-38DF-X				3/8	1.00	0.85	1.50	0.13	2.66	Pink	P42	12	42	1 9/16	10
LCCX1/0-12F-X				1/2	1.75	0.85	1.50	0.13	3.82	Pink	P42	12	42	1 9/16	10

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





Flex Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.†	Burndy Die Index No.†	T&B Die Index No.†	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX2/0-14AF-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.63	0.96	1.50	0.13	2.29	Black	P45	13	45	1 9/16	10
LCCX2/0-14BF-X				1/4	0.75	0.96	1.50	0.13	2.42	Black	P45	13	45	1 9/16	10
LCCX2/0-38DF-X				3/8	1.00	0.96	1.50	0.13	2.73	Black	P45	13	45	1 9/16	10
LCCX2/0-12F-X				1/2	1.75	0.96	1.50	0.13	3.89	Black	P45	13	45	1 9/16	10
LCCX3/0-14BF-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	0.75	1.06	1.56	0.14	2.50	Orange	P50	14	50	1 5/8	10
LCCX3/0-38DF-X				3/8	1.00	1.06	1.56	0.14	2.84	Orange	P50	14	50	1 5/8	10
LCCX4/0-14BF-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	0.75	1.19	2.24	0.16	2.69	Purple	P54	15	54	2 5/16	10
LCCX4/0-38DF-X				3/8	1.00	1.19	2.24	0.16	2.88	Purple	P54	15	54	2 5/16	10
LCCX4/0-12F-X				1/2	1.75	1.19	2.24	0.16	4.06	Purple	P54	15	54	2 5/16	10
LCCX250-14BF-X	250 kcmil	262.6 kcmil	—	1/4	0.75	1.28	2.24	0.17	2.46	Yellow	P62	16	62	2 5/16	10
LCCX250-38DF-X				3/8	1.00	1.28	2.24	0.17	2.94	Yellow	P62	16	62	2 5/16	10
LCCX300-38DF-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	0.18	3.02	Red	P71	18	71H	2 3/8	6
LCCX300-12F-6				1/2	1.75	1.39	2.30	0.18	3.95	Red	P71	18	71H	2 3/8	6
LCCX350-14BF-6	350 kcmil	373.7 kcmil	—	1/4	0.75	1.54	2.50	0.22	2.65	Blue	P76	19	76H	2 9/16	6
LCCX350-38DF-6				3/8	1.00	1.54	2.50	0.22	3.13	Blue	P76	19	76H	2 9/16	6
LCCX350-12F-6				1/2	1.75	1.54	2.50	0.22	4.31	Blue	P76	19	76H	2 9/16	6

†See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

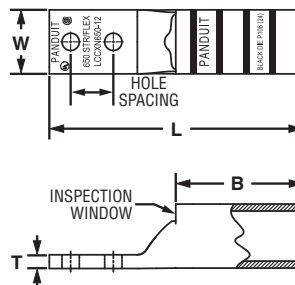
◆NEMA hole sizes and spacing.



Flex Conductor, Two-Hole, Long Barrel with Window, Narrow Tongue Lug

For use with Flexible and Extra-Flexible Stranded Copper Copper Conductors

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.†	Burndy Die Index No.†	T&B Die Index No.†	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCCXN450-12-6	450 kcmil	444.4 kcmil	1/2	1.75	1.19	2.69	0.33	6.41	Brown	P87	20	87H	2 3/4	6
LCCXN500-12-6	500 kcmil	535.3 kcmil	1/2	1.75	1.30	2.88	0.32	6.71	Pink	P99	L99	99H	2 15/16	6
LCCXN650-12-6	—	646.4 kcmil	1/2	1.75	1.35	2.94	0.36	6.78	Black	P106	24	106	3	6

†See pages D3.70 – D3.73 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.



A. System Overview



Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug

B1. Cable Ties

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF

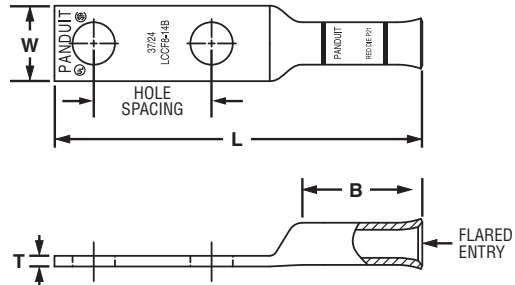
- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Tin-plated to inhibit corrosion
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF8-14A-L	—	#8 AWG	1/4	.63	.48	.76	.07	2.22	Red	P21	13/16	50
LCCF8-14B-L			1/4	.75	.48	.76	.07	2.34	Red	P21	13/16	50
LCCF8-38D-L			3/8	1.00	.60	.76	.05	2.81	Red	P21	13/16	50
LCCF6-14A-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	2.71	Blue	P24	1 5/16	50
LCCF6-14B-L			1/4	.75	.48	1.22	.08	2.83	Blue	P24	1 5/16	50
LCCF6-38D-L			3/8	1.00	.62	1.22	.06	3.30	Blue	P24	1 5/16	50
LCCF4-14A-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	2.75	Gray	P29	1 5/16	50
LCCF4-14B-L			1/4	.75	.55	1.23	.09	2.88	Gray	P29	1 5/16	50
LCCF4-38D-L			3/8	1.00	.62	1.23	.08	3.35	Gray	P29	1 5/16	50
LCCF2-14A-E	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	3.00	Brown	P33	1 7/16	20
LCCF2-14B-E			1/4	.75	.70	1.36	.11	3.12	Brown	P33	1 7/16	20
LCCF2-56B-E			5/16	.75	.70	1.36	.11	3.25	Brown	P33	1 7/16	20
LCCF2-38D-E			3/8	1.00	.70	1.36	.11	3.57	Brown	P33	1 7/16	20
LCCF2-12-E			1/2	1.75	.75	1.36	.09	4.74	Brown	P33	1 7/16	20
LCCF1-14A-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	3.18	Pink	P42	1 1/2	10
LCCF1-14B-X			1/4	.75	.76	1.44	.12	3.31	Pink	P42	1 1/2	10
LCCF1-56C-X			5/16	.88	.76	1.44	.12	3.49	Pink	P42	1 1/2	10
LCCF1-38D-X			3/8	1.00	.76	1.44	.12	3.69	Pink	P42	1 1/2	10
LCCF1-12-X			1/2	1.75	.80	1.44	.12	4.86	Pink	P42	1 1/2	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index





Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF1/0-14A-X	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	3.38	Black	P45	1 9/16	10
LCCF1/0-14B-X			1/4	.75	.85	1.50	.13	3.51	Black	P45	1 9/16	10
LCCF1/0-56C-X			5/16	.88	.85	1.50	.13	3.63	Black	P45	1 9/16	10
LCCF1/0-38D-X			3/8	1.00	.85	1.50	.13	3.82	Black	P45	1 9/16	10
LCCF1/0-12-X			1/2	1.75	.85	1.50	.13	4.98	Black	P45	1 9/16	10
LCCF2/0-14A-X	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	3.43	Orange	P50	1 9/16	10
LCCF2/0-14B-X			1/4	.75	.96	1.50	.13	3.56	Orange	P50	1 9/16	10
LCCF2/0-38D-X			3/8	1.00	.96	1.50	.13	3.87	Orange	P50	1 9/16	10
LCCF2/0-12-X			1/2	1.75	.96	1.50	.13	5.03	Orange	P50	1 9/16	10
LCCF3/0-14B-X	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	3.66	Purple	P54	1 5/8	10
LCCF3/0-38D-X			3/8	1.00	1.06	1.56	.14	3.99	Purple	P54	1 5/8	10
LCCF3/0-12-X			1/2	1.75	1.06	1.56	.14	5.13	Purple	P54	1 5/8	10
LCCF4/0-14B-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	3.60	Yellow	P62	1 11/16	10
LCCF4/0-38D-X			3/8	1.00	1.17	1.61	.14	4.09	Yellow	P62	1 11/16	10
LCCF4/0-38-X			3/8	1.75	1.17	1.61	.14	4.84	Yellow	P62	1 11/16	10
LCCF4/0-12-X			1/2	1.75	1.17	1.61	.14	5.23	Yellow	P62	1 11/16	10
LCCF250-14B-X	250 kcmil	262.6 kcmil	1/4	.75	1.28	2.24	.17	4.33	White	P66	2 5/16	10
LCCF250-38D-X			3/8	1.00	1.28	2.24	.17	4.81	White	P66	2 5/16	10
LCCF250-12E-X			1/2	1.25	1.28	2.24	.17	5.49	White	P66	2 5/16	10
LCCF250-12-X			1/2	1.75	1.28	2.24	.17	5.99	White	P66	2 5/16	10
LCCF300-14B-6	300 kcmil	313.1 kcmil	1/4	.75	1.38	2.30	.18	4.44	Red	P71	2 3/8	6
LCCF300-38D-6			3/8	1.00	1.38	2.30	.18	4.92	Red	P71	2 3/8	6
LCCF300-12-6			1/2	1.75	1.38	2.30	.18	6.10	Red	P71	2 3/8	6
LCCF350-14B-6	350 kcmil	373.7 kcmil	1/4	.75	1.53	2.50	.22	4.70	Blue	P76	2 9/16	6
LCCF350-38D-6			3/8	1.00	1.53	2.50	.22	5.18	Blue	P76	2 9/16	6
LCCF350-12E-6			1/2	1.25	1.53	2.50	.22	5.86	Blue	P76	2 9/16	6
LCCF350-12-6			1/2	1.75	1.53	2.50	.22	6.36	Blue	P76	2 9/16	6
LCCF400-38D-6	400 kcmil	444.4 kcmil	3/8	1.00	1.70	2.69	.26	5.45	Brown	P87	2 3/4	6
LCCF400-12-6			1/2	1.75	1.70	2.69	.26	6.63	Brown	P87	2 3/4	6
LCCF500-12-6	500 kcmil	535.3 kcmil	1/2	1.75	1.89	2.88	.26	7.04	Pink	P99	2 15/16	6
LCCF600-12-6	—	646.4 kcmil	1/2	1.75	1.95	2.94	.29	7.13	Black	P106	3	6
LCCF750-38D-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	6.35	Orange	P107	3 1/16	3
LCCF750-12-3			1/2	1.75	2.17	3.00	.32	7.29	Orange	P107	3 1/16	3

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

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System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
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A. System Overview



Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug, 45° Angle

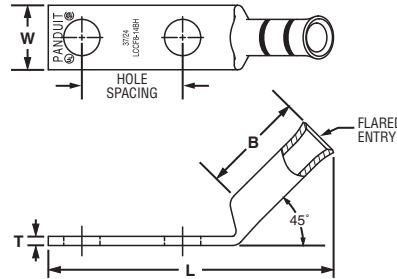
B1. Cable Ties

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF-H

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No. ‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF8-14AH-L	—	#8 AWG	1/4	.63	.48	.76	.07	2.00	Red	P21	13/16	50
LCCF8-14BH-L			1/4	.75	.48	.76	.07	2.12	Red	P21	13/16	50
LCCF8-38DH-L			3/8	1.00	.60	.76	.05	2.58	Red	P21	13/16	50
LCCF6-14AH-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	2.36	Blue	P24	1 5/16	50
LCCF6-14BH-L			1/4	.75	.48	1.22	.08	2.48	Blue	P24	1 5/16	50
LCCF6-38DH-L			3/8	1.00	.62	1.22	.06	2.94	Blue	P24	1 5/16	50
LCCF4-14AH-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	2.41	Gray	P29	1 5/16	50
LCCF4-14BH-L			1/4	.75	.55	1.23	.09	2.54	Gray	P29	1 5/16	50
LCCF4-38DH-L			3/8	1.00	.62	1.23	.08	3.00	Gray	P29	1 5/16	50
LCCF2-14AH-E	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	2.56	Brown	P33	1 7/16	20
LCCF2-14BH-E			1/4	.75	.70	1.36	.11	2.68	Brown	P33	1 7/16	20
LCCF2-56BH-E			5/16	.75	.70	1.36	.11	2.81	Brown	P33	1 7/16	20
LCCF2-38DH-E			3/8	1.00	.70	1.36	.11	3.13	Brown	P33	1 7/16	20
LCCF2-12H-E			1/2	1.75	.75	1.36	.09	4.30	Brown	P33	1 7/16	20
LCCF1-14AH-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.71	Pink	P42	1 1/2	10
LCCF1-14BH-X			1/4	.75	.76	1.44	.12	2.84	Pink	P42	1 1/2	10
LCCF1-56CH-X			5/16	.88	.76	1.44	.12	3.02	Pink	P42	1 1/2	10
LCCF1-38DH-X			3/8	1.00	.76	1.44	.12	3.22	Pink	P42	1 1/2	10
LCCF1-12H-X			1/2	1.75	.80	1.44	.12	4.38	Pink	P42	1 1/2	10
LCCF1/0-14AH-X	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.90	Black	P45	1 9/16	10
LCCF1/0-14BH-X			1/4	.75	.85	1.50	.13	3.02	Black	P45	1 9/16	10
LCCF1/0-56CH-X			5/16	.88	.85	1.50	.13	3.15	Black	P45	1 9/16	10
LCCF1/0-38DH-X			3/8	1.00	.85	1.50	.13	3.34	Black	P45	1 9/16	10
LCCF1/0-12H-X			1/2	1.75	.85	1.50	.13	4.50	Black	P45	1 9/16	10
LCCF2/0-14AH-X	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	2.92	Orange	P50	1 9/16	10
LCCF2/0-14BH-X			1/4	.75	.96	1.50	.13	3.05	Orange	P50	1 9/16	10
LCCF2/0-38DH-X			3/8	1.00	.96	1.50	.13	3.36	Orange	P50	1 9/16	10
LCCF2/0-12H-X			1/2	1.75	.96	1.50	.13	4.52	Orange	P50	1 9/16	10
LCCF3/0-14BH-X	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	3.14	Purple	P54	1 5/8	10
LCCF3/0-38DH-X			3/8	1.00	1.06	1.56	.14	3.47	Purple	P54	1 5/8	10
LCCF3/0-12H-X			1/2	1.75	1.06	1.56	.14	4.61	Purple	P54	1 5/8	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing





Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF4/0-14BH-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	3.06	Yellow	P62	1 11/16	10
LCCF4/0-38DH-X			3/8	1.00	1.17	1.61	.14	3.55	Yellow	P62	1 11/16	10
LCCF4/0-38H-X			3/8	1.75	1.17	1.61	.14	4.30	Yellow	P62	1 11/16	10
◆ LCCF4/0-12H-X	250 kcmil	262.6 kcmil	1/2	1.75	1.17	1.61	.14	4.69	Yellow	P62	1 11/16	10
LCCF250-14BH-X			1/4	.75	1.28	2.24	.17	3.66	White	P66	2 5/16	10
LCCF250-38DH-X			3/8	1.00	1.28	2.24	.17	4.14	White	P66	2 5/16	10
LCCF250-12EH-X	300 kcmil	313.1 kcmil	1/2	1.25	1.28	2.24	.17	4.82	White	P66	2 5/16	10
◆ LCCF250-12H-X			1/2	1.75	1.28	2.24	.17	5.32	White	P66	2 5/16	10
LCCF300-14BH-6			1/4	.75	1.38	2.30	.18	3.77	Red	P71	2 3/8	6
LCCF300-38DH-6	350 kcmil	373.7 kcmil	3/8	1.00	1.38	2.30	.18	4.25	Red	P71	2 3/8	6
◆ LCCF300-12H-6			1/2	1.75	1.38	2.30	.18	5.43	Red	P71	2 3/8	6
LCCF350-14BH-6			1/4	.75	1.53	2.50	.22	3.98	Blue	P76	2 9/16	6
LCCF350-38DH-6	400 kcmil	444.4 kcmil	3/8	1.00	1.53	2.50	.22	4.46	Blue	P76	2 9/16	6
LCCF350-12EH-6			1/2	1.25	1.53	2.50	.22	5.14	Blue	P76	2 9/16	6
◆ LCCF350-12H-6			1/2	1.75	1.53	2.50	.22	5.64	Blue	P76	2 9/16	6
LCCF400-38DH-6	500 kcmil	535.3 kcmil	3/8	1.00	1.70	2.69	.26	4.66	Brown	P87	2 3/4	6
◆ LCCF400-12H-6			1/2	1.75	1.70	2.69	.26	5.84	Brown	P87	2 3/4	6
◆ LCCF500-12H-6			1/2	1.75	1.89	2.88	.26	6.18	Pink	P99	2 15/16	6
◆ LCCF600-12H-6	—	646.4 kcmil	1/2	1.75	1.95	2.94	.29	6.25	Black	P106	3	6
LCCF750-38DH-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	5.45	Orange	P107	3 1/16	3
◆ LCCF750-12H-3			1/2	1.75	2.17	3.00	.32	6.39	Orange	P107	3 1/16	3

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

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C2. Surface Raceway

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C4. Cable Management

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D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



A. System Overview



Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug, 90° Angle

B1. Cable Ties

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF-F

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing

B2. Cable Accessories

B3. Stainless Steel Ties

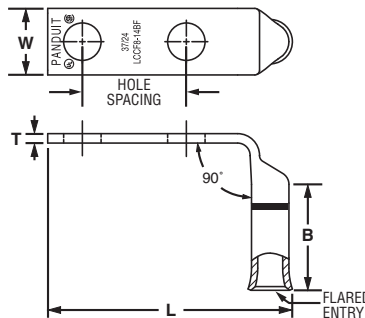
C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF8-14AF-L	—	#8 AWG	1/4	.63	.48	.76	.07	1.64	Red	P21	13/16	50
LCCF8-14BF-L			1/4	.75	.48	.76	.07	1.77	Red	P21	13/16	50
LCCF8-38DF-L			3/8	1.00	.60	.76	.05	2.24	Red	P21	13/16	50
LCCF6-14AF-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	1.69	Blue	P24	1 5/16	50
LCCF6-14BF-L			1/4	.75	.48	1.22	.08	1.81	Blue	P24	1 5/16	50
LCCF6-38DF-L			3/8	1.00	.62	1.22	.06	2.28	Blue	P24	1 5/16	50
LCCF4-14AF-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	1.78	Gray	P29	1 5/16	50
LCCF4-14BF-L			1/4	.75	.55	1.23	.09	1.91	Gray	P29	1 5/16	50
LCCF2-14BF-E			1/4	.75	.70	1.36	.11	2.10	Brown	P33	1 7/16	20
LCCF2-56BF-E	#2 AWG	#2 AWG	5/16	.75	.70	1.36	.11	2.23	Brown	P33	1 7/16	20
LCCF2-38DF-E			3/8	1.00	.70	1.36	.11	2.55	Brown	P33	1 7/16	20
LCCF2-12F-E			1/2	1.75	.79	1.36	.09	3.72	Brown	P33	1 7/16	20
LCCF1-14AF-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.11	Pink	P42	1 1/2	10
LCCF1-14BF-X			1/4	.75	.76	1.44	.12	2.24	Pink	P42	1 1/2	10
LCCF1-56CF-X			5/16	.88	.76	1.44	.12	2.42	Pink	P42	1 1/2	10
LCCF1-38DF-X			3/8	1.00	.76	1.44	.12	2.62	Pink	P42	1 1/2	10
LCCF1-12F-X			1/2	1.75	.80	1.44	.11	3.79	Pink	P42	1 1/2	10
LCCF1/0-14AF-X			1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.27	Black	P45
LCCF1/0-14BF-X	1/4	.75			.85	1.50	.13	2.39	Black	P45	1 9/16	10
LCCF1/0-56CF-X	5/16	.88			.85	1.50	.13	2.52	Black	P45	1 9/16	10
LCCF1/0-38DF-X	3/8	1.00			.85	1.50	.13	2.70	Black	P45	1 9/16	10
LCCF1/0-12F-X	1/2	1.75			.85	1.50	.13	3.87	Black	P45	1 9/16	10
LCCF2/0-14AF-X	2/0 AWG	2/0 AWG			1/4	.63	.96	1.50	.13	2.33	Orange	P50
LCCF2/0-14BF-X			1/4	.75	.96	1.50	.13	2.46	Orange	P50	1 9/16	10
LCCF2/0-38DF-X			3/8	1.00	.96	1.50	.13	2.77	Orange	P50	1 9/16	10
LCCF2/0-12F-X			1/2	1.75	.96	1.50	.13	3.93	Orange	P50	1 9/16	10
LCCF3/0-14BF-X			3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	2.56	Purple	P54
LCCF3/0-38DF-X	3/8	1.00			1.06	1.56	.14	2.89	Purple	P54	1 5/8	10
LCCF3/0-12F-X	1/2	1.75			1.06	1.56	.14	4.03	Purple	P54	1 5/8	10

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.





Flex Conductor, Two-Hole, Long Barrel, Flared NEBS Lug, 90° Angle (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive			W	B	T	L				
LCCF4/0-14BF-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	2.48	Yellow	P62	1 11/16	10
LCCF4/0-38DF-X			3/8	1.00	1.17	1.61	.14	2.97	Yellow	P62	1 11/16	10
LCCF4/0-38F-X			3/8	1.75	1.17	1.61	.14	3.72	Yellow	P62	1 11/16	10
◆ LCCF4/0-12F-X			1/2	1.75	1.17	1.61	.14	4.11	Yellow	P62	1 11/16	10
LCCF250-14BF-X	250 kcmil	262.6 kcmil	1/4	.75	1.28	2.24	.17	2.54	White	P66	2 5/16	10
LCCF250-38DF-X			3/8	1.00	1.28	2.24	.17	3.02	White	P66	2 5/16	10
LCCF250-12EF-X			1/2	1.25	1.28	2.24	.17	3.70	White	P66	2 5/16	10
◆ LCCF250-12F-X			1/2	1.75	1.28	2.24	.17	4.20	White	P66	2 5/16	10
LCCF300-14BF-6	300 kcmil	313.1 kcmil	1/4	.75	1.38	2.30	.18	2.61	Red	P71	2 3/8	6
LCCF300-38DF-6			3/8	1.00	1.38	2.30	.18	3.09	Red	P71	2 3/8	6
◆ LCCF300-12F-6			1/2	1.75	1.38	2.30	.18	4.27	Red	P71	2 3/8	6
LCCF350-14BF-6			1/4	.75	1.53	2.50	.22	2.73	Blue	P76	2 9/16	6
LCCF350-38DF-6	350 kcmil	373.7 kcmil	3/8	1.00	1.53	2.50	.22	3.21	Blue	P76	2 9/16	6
LCCF350-12EF-6			1/2	1.25	1.53	2.50	.22	3.89	Blue	P76	2 9/16	6
◆ LCCF350-12F-6			1/2	1.75	1.53	2.50	.22	4.39	Blue	P76	2 9/16	6
LCCF400-38DF-6			3/8	1.00	1.70	2.69	.26	3.33	Brown	P87	2 3/4	6
◆ LCCF400-12F-6	400 kcmil	444.4 kcmil	1/2	1.75	1.70	2.69	.26	4.51	Brown	P87	2 3/4	6
◆ LCCF500-12F-6			500 kcmil	535.3 kcmil	1/2	1.75	1.89	2.88	.26	4.67	Pink	P99
◆ LCCF600-12F-6	—	646.4 kcmil	1/2	1.75	1.95	2.88	.29	4.73	Black	P106	3	6
LCCF750-38DF-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	3.96	Orange	P107	3 1/16	3
◆ LCCF750-12F-3			1/2	1.75	2.17	3.00	.32	4.90	Orange	P107	3 1/16	3

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

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A. System Overview



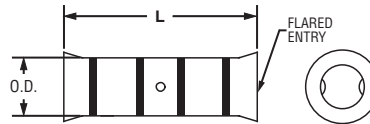
Flex Conductor, Standard Barrel, Flared, NEBS Butt Splice

B1. Cable Ties

For Use with Flexible and Extra-Flexible Copper Conductors

Type SCSF

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved



C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

Part Number	Flex Conductor Size		Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive	Barrel O.D.	L				
SCSF8-L	—	#8 AWG	0.27	1.50	Red	P21	11/16	50
SCSF6-L	#6 AWG	#6 AWG	0.31	1.75	Blue	P24	13/16	50
SCSF4-L	#4 AWG	#4 AWG	0.38	1.75	Gray	P29	13/16	50
SCSF2-E	#2 AWG	#2 AWG	0.47	1.87	Brown	P33	7/8	20
SCSF1-X	#1 AWG	#1 AWG	0.52	1.87	Pink	P42	7/8	10
SCSF1/0-X	1/0 AWG	1/0 AWG	0.58	2.50	Black	P45	1 3/16	10
SCSF2/0-X	2/0 AWG	2/0 AWG	0.64	2.50	Orange	P50	1 3/16	10
SCSF3/0-X	3/0 AWG	3/0 AWG	0.71	2.50	Purple	P54	1 3/16	10
SCSF4/0-X	4/0 AWG	4/0 AWG	0.77	2.50	Yellow	P62	1 3/16	10
SCSF250-X	250 kcmil	262.6 kcmil	0.88	2.50	White	P66	1 3/16	10
SCSF300-6	300 kcmil	313.1 kcmil	0.95	2.56	Red	P71	1 1/4	6
SCSF350-6	350 kcmil	373.7 kcmil	1.06	2.94	Blue	P76	1 1/2	6

‡See pages D3.74, D3.75 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



Code/Flex Conductor, with Window, In-Line Reducing Splice Kit

Type RSCK

- Includes all components in one package for making a complete electrical connection: Panduit copper compression RSC in-line reducing splice (see pages D2.105 – D2.106) and crystal clear PVC heat shrink sleeves pre-cut to length to insulate reducing splice
- Panduit RSC in-line reducing splice is UL Listed and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Panduit crystal clear PVC heat shrink has a UL 224 VW-1 flammability rating and passes Telcordia GR-347-CORE Compression and Cut-Through Penetration Test and Abrasion Resistance Test
- Panduit crystal clear PVC heat shrink is UL Recognized with a temperature rating of 150°C, high temperature insulating property
- Rated for 600 V applications when Panduit crystal clear PVC heat shrink is applied



Part Number	Part Description	Std. Pkg. Qty.
RSCK4-6-1	Kit contains: 1 pc. RSC4-6-L copper compression in-line reducing splice. 1 pc. HSTTPN50-713-Q crystal clear PVC heat shrink 1/2" dia. x 7.125" long.	1
RSCK2-6-1	Kit contains: 1 pc. RSC2-6-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	1
RSCK2-4-1	Kit contains: 1 pc. RSC2-4-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	1
RSCK1/0-6-1	Kit contains: 1 pc. RSC1/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK1/0-4-1	Kit contains: 1 pc. RSC1/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK2/0-6-1	Kit contains: 1 pc. RSC2/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK2/0-4-1	Kit contains: 1 pc. RSC2/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK4/0-6-1	Kit contains: 1 pc. RSC4/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK4/0-4-1	Kit contains: 1 pc. RSC4/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1

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Part Number	Part Description	Std. Pkg. Qty.
RSC4/0-1/0-1	Kit contains: 1 pc. RSC4/0-1/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	1
RSC4/0-2/0-1	Kit contains: 1 pc. RSC4/0-2/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	1
RSC500-X4/0-1	Kit contains: 1 pc. RSC500-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC500-X350-1	Kit contains: 1 pc. RSC500-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC750-4/0-1	Kit contains: 1 pc. RSC750-4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	1
RSC750-X4/0-1	Kit contains: 1 pc. RSC750-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC750-X350-1	Kit contains: 1 pc. RSC750-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC750-500-1	Kit contains: 1 pc. RSC750-500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC750-X500-1	Kit contains: 1 pc. RSC750-X500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSC750-750-1	Kit contains: 1 pc. RSC750-750-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCX750-4/0-1	Kit contains: 1 pc. RSCX750-4/0-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	1
RSCX750-750-1	Kit contains: 1 pc. RSCX750-750-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long.	1



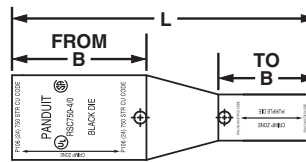


Code/Flex Conductor, with Window, In-Line Reducing Splice

For Use with Stranded Copper Code and Class I Flex Conductors

Type RSC

- Low profile design provides minimum space requirements
- Manufactured from seamless, high conductivity copper tubing
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection windows in each barrel to visually assure full conductor insertion
- Generous internally beveled wire entry for easy conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Also sold as a kit with crystal clear PVC heat shrink (see pages D2.103, D2.104)



Part Number		Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			B	L						
RSC4-6-L	Reduces From	#4 – 3 AWG STR,#2 AWG SOL	1.05	2.54	Gray	P29	8	29	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC2-6-Q	Reduces From	#2 AWG	1.05	2.62	Brown	P33	10	33	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	34	1 5/16	
RSC2-4-Q	Reduces From	#2 AWG	1.05	2.50	Brown	P33	10	33	1	1
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC1/0-6-X	Reduces From	1/0 AWG	1.05	2.81	Pink	P42	12	42	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC1/0-4-X	Reduces From	1/0 AWG	1.05	2.70	Pink	P42	12	42	1	1
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC2/0-6-X	Reduces From	2/0 AWG	1.13	2.99	Black	P45	13	45	1 1/16	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC2/0-4-X	Reduces From	2/0 AWG	1.13	2.88	Black	P45	13	45	1 1/16	1
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-6-X	Reduces From	4/0 AWG	1.13	3.24	Purple	P54	15	54	1 1/16	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC4/0-4-X	Reduces From	4/0 AWG	1.13	3.12	Purple	P54	15	54	1 1/16	1
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-1/0-X	Reduces From	4/0 AWG	1.16	3.13	Purple	P54	15	54	1 1/16	1
	Reduces To	1/0 AWG	1.63		Pink	P42	12	42	1 9/16	
RSC4/0-2/0-X	Reduces From	4/0 AWG	1.16	2.90	Purple	P54	15	54	1 1/16	1
	Reduces To	2/0 AWG	1.50		Black	P45	13	45	1 7/16	
RSC500-X4/0-6	Reduces From	500 kcmil	1.94	3.97	Brown	P87	20	87	1 7/8	1
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC500-X350-6	Reduces From	500 kcmil	1.94	4.38	Brown	P87	20	87	1 7/8	1
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	

‡See pages D3.76 – D3.81 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.106



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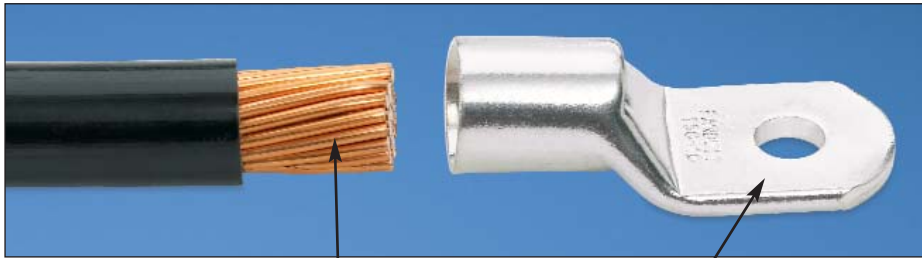
Part Number		Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			B	L						
RSC750-4/0-6	Reduces From	750 kcmil	2.06	4.66	Black	P106	24	106	2	1
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSC750-X4/0-6	Reduces From	750 kcmil	2.06	4.54	Black	P106	24	106	2	1
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC750-X350-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	1
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	
RSC750-500-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	1
	Reduces To	500 kcmil	1.94		Brown	P87	20	87	1 7/8	
RSC750-X500-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	1
	Reduces To	500 Flex	2.06		Pink	P99	400	99	2	
RSC750-750-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	1
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	
RSCX750-4/0-3	Reduces From	750 Flex	2.06	5.04	Yellow	P115	115	115	2	1
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSCX750-750-3	Reduces From	750 Flex	2.06	4.50	Yellow	P115	115	115	2	1
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	

‡See pages D3.76 – D3.81 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



Part Number System for Metric Lugs



LCMA **150** — **10** —

150 = 150mm² 10 = 10mm



X

1 = 1 X = 10 C = 100
5 = 5 L = 50

Part Number System for Pan-Lug™ Compression Metric Lugs

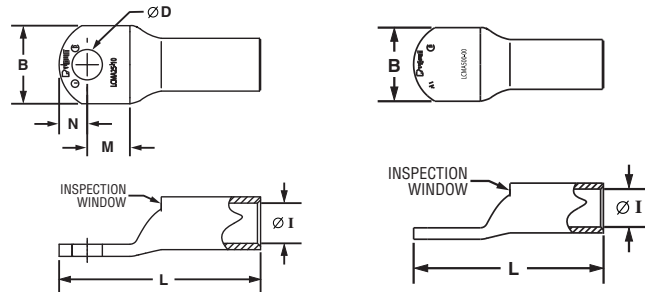
LCMA	150	—	10	—	X
Type	Conductor Size		Stud Hole Size		Standard Package Size
			5 = #5		1 = 1
			6 = 6mm		5 = 5
			8 = 8mm		6 = 6
			10 = 10mm		X = 10
			12 = 12mm		Q = 25
			14 = 14mm		L = 50
			16 = 16mm		C = 100
			20 = 20mm		
			00 = Blank Tongue*		

Metric Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Class 2 Stranded Copper Conductors

Type LCMA

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed, UL Recognized, and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Product information marked on connector for selection and installation
- Rounded tongue convenient for use in tight spaces
- Internally beveled wire entry for fast and easy installation



Part Number	Copper Conductor Size Class 2R (mm ²)	Current Rating (Amps)	Stud Hole Size (mm)	Figure Dimensions (mm)						Panduit Die Index No.‡	Std. Pkg. Qty.
				ØI	B	M	N	L	ØD		
LCMA6-5-C*	4 – 6	30	M5	3.8	10.0	7.8	6.2	27.5	5.5	P10	100
LCMA6-6-C*	4 – 6	30	M6	3.8	10.8	7.8	6.2	27.5	6.6	P10	100
LCMA6-8-C*	4 – 6	30	M8	3.8	13.0	8.0	8.0	30.5	9.0	P10	100

‡See page D3.83 for tool and die information.

*UL Recognized only.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.108



PANDUIT® ELECTRICAL SOLUTIONS



Metric Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size Class 2R (mm²)	Current Rating (Amps)	Stud Hole Size (mm)	Figure Dimensions (mm)						Panduit Die Index No.‡	Std. Pkg. Qty.
				ØI	B	M	N	L	ØD		
LCMA10-5-C	10	—	M5	4.5	11.0	9.8	6.0	30.8	5.5	P21	100
LCMA10-6-C	10	—	M6	4.5	11.0	9.8	6.0	30.8	6.6	P21	100
LCMA10-8-C	10	—	M8	4.5	13.0	8.5	8.0	30.8	9.0	P21	100
LCMA10-10-C	10	—	M10	4.4	14.5	8.5	8.0	30.8	11.0	P21	100
LCMA16-5-C*	16	65	M5	5.5	13.0	10.3	6.5	34.5	5.5	P24	100
LCMA16-6-C*	16	65	M6	5.5	13.0	10.3	6.5	34.5	6.6	P24	100
LCMA16-8-C*	16	65	M8	5.5	13.0	10.3	6.5	34.5	9.0	P24	100
LCMA16-10-C*	16	65	M10	5.5	15.0	10.2	8.0	36.7	11.0	P24	100
LCMA25-6-C	25	—	M6	6.9	14.0	10.0	8.0	37.0	6.6	P29	100
LCMA25-8-C	25	—	M8	6.9	15.5	10.0	8.0	37.0	9.0	P29	100
LCMA25-10-C	25	—	M10	6.9	15.5	10.0	8.0	37.0	11.0	P29	100
LCMA35-6-C	35	—	M6	8.2	15.5	12.3	8.5	42.0	6.6	P29	100
LCMA35-8-C	35	—	M8	8.2	15.5	12.3	8.5	42.0	9.0	P29	100
LCMA35-10-C	35	—	M10	8.2	15.5	12.3	8.5	42.0	11.0	P29	100
LCMA35-12-C	35	—	M12	8.2	21.5	14.5	11.5	48.0	14.0	P29	100
LCMA50-6-L	50	—	M6	9.8	18.0	11.5	10.0	46.5	6.6	P37	50
LCMA50-8-L	50	—	M8	9.8	18.0	11.5	10.0	46.5	9.0	P37	50
LCMA50-10-L	50	—	M10	9.8	18.0	11.5	10.0	46.5	11.0	P37	50
LCMA50-12-L	50	—	M12	9.8	23.0	14.0	11.0	50.0	14.0	P37	50
LCMA70-6-L	70	—	M6	11.5	20.8	14.5	11.5	53.5	6.6	P45	50
LCMA70-8-L	70	—	M8	11.5	20.8	14.5	11.5	53.5	9.0	P45	50
LCMA70-10-L	70	—	M10	11.5	20.8	14.5	11.5	53.5	11.0	P45	50
LCMA70-12-L	70	—	M12	11.5	20.8	14.5	11.5	53.5	14.0	P45	50
LCMA95-8-L	95	—	M8	13.5	24.5	15.0	13.5	60.5	9.0	P54	50
LCMA95-10-L	95	—	M10	13.5	24.5	15.0	13.5	60.5	11.0	P54	50
LCMA95-12-L	95	—	M12	13.5	24.5	15.0	13.5	60.5	14.0	P54	50
LCMA95-16-L	95	—	M16	13.5	24.5	15.0	13.5	60.5	18.0	P54	50
LCMA120-8-L	120	—	M8	15.2	27.5	15.5	14.5	65.0	9.0	P62	50
LCMA120-10-L	120	—	M10	15.2	27.5	15.5	14.5	65.0	11.0	P62	50
LCMA120-12-L	120	—	M12	15.2	27.5	15.5	14.5	65.0	14.0	P62	50
LCMA120-16-L	120	—	M16	15.2	27.5	15.5	14.5	65.0	18.0	P62	50
LCMA150-8-X	150	—	M8	16.5	30.5	18.0	16.5	70.5	9.0	P66	10
LCMA150-10-X	150	—	M10	16.5	30.5	18.0	16.5	70.5	11.0	P66	10
LCMA150-12-X	150	—	M12	16.5	30.5	18.0	16.5	70.5	14.0	P66	10
LCMA150-16-X	150	—	M16	16.5	30.5	18.0	16.5	70.5	18.0	P66	10
LCMA150-20-X	150	—	M20	16.5	30.5	22.0	16.5	74.0	22.0	P66	10
LCMA185-10-X	185	—	M10	18.6	33.5	16.5	17.5	72.5	11.0	P76	10
LCMA185-12-X	185	—	M12	18.6	33.5	16.5	17.5	72.5	14.0	P76	10
LCMA185-16-X	185	—	M16	18.6	33.5	16.5	17.5	72.5	18.0	P76	10
LCMA185-20-X	185	—	M20	18.6	33.5	21.0	17.5	77.0	22.0	P76	10
LCMA240-10-X	240	—	M10	20.8	37.5	21.0	19.5	86.5	11.0	P87	10
LCMA240-12-X	240	—	M12	20.8	37.5	21.0	19.5	86.5	14.0	P87	10
LCMA240-16-X	240	—	M16	20.8	37.5	21.0	19.5	86.5	18.0	P87	10
LCMA240-20-X	240	—	M20	20.8	37.5	21.0	19.5	86.5	22.0	P87	10
LCMA300-10-5	300	—	M10	23.5	42.5	22.0	20.0	94.5	11.0	P94	5
LCMA300-12-5	300	—	M12	23.5	42.5	22.0	20.0	94.5	14.0	P94	5
LCMA300-16-5	300	—	M16	23.5	42.5	22.0	20.0	94.5	18.0	P94	5
LCMA300-20-5	300	—	M20	23.5	42.5	22.0	20.0	94.5	22.0	P94	5
LCMA400-12-5	400	—	M12	27.0	49.5	26.5	23.5	107.0	14.0	P106	5
LCMA400-16-5	400	—	M16	27.0	49.5	26.5	23.5	107.0	18.0	P106	5
LCMA400-20-5	400	—	M20	27.0	49.5	26.5	23.5	107.0	22.0	P106	5
LCMA500-12-1	500	—	M12	31.0	57.5	28.5	25.5	120.0	14.0	P125	1
LCMA500-16-1	500	—	M16	31.0	57.5	28.5	25.5	120.0	18.0	P125	1
LCMA500-20-1	500	—	M20	31.0	57.5	28.5	25.5	120.0	22.0	P125	1
LCMA500-00-1*	500	—	Blank	31.0	57.5	—	—	120.0	—	P125	1
LCMA630-16-1	630	—	M16	34.5	63.0	28.5	27.5	131.0	18.0	P125	1
LCMA630-20-1	630	—	M20	34.5	63.0	28.5	27.5	131.0	22.0	P125	1
LCMA630-00-1*	630	—	Blank	34.5	63.0	—	—	131.0	—	P125	1

‡See page D3.83 for tool and die information.

*UL Recognized only.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



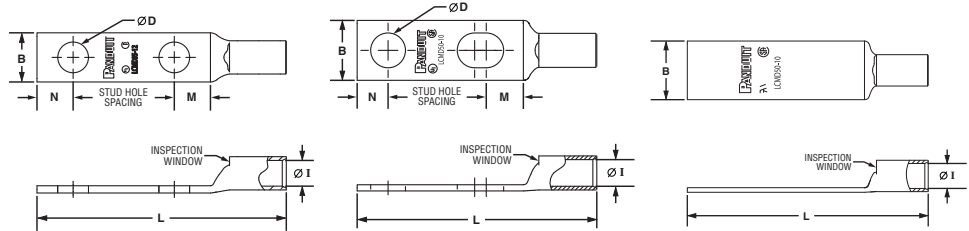


Metric Conductor, Two-Hole, Standard Barrel with Window Lug

For Use with Class 2 Stranded Copper Conductors

Type LCMD

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed, UL Recognized, and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Product information marked on connector for selection and installation
- Internally beveled wire entry for fast and easy installation



Part Number	Copper Conductor Size Class 2R (mm ²)	Current Rating (Amps)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)						Panduit Die Index No.‡	Std. Pkg. Qty.
					ØI	B	M	N	L	ØD		
LCMD6-5CD-Q*	4 – 6	30	M5	22.0 – 25.0	3.8	10.0	7.8	6.2	52.5	5.5	P10	25
LCMD10-6CD-Q	10	—	M6	22.0 – 25.0	4.5	11.0	9.8	6.0	55.8	6.6	P21	25
LCMD10-8-Q	10	—	M8	44.5	4.5	13.0	8.5	8.0	75.3	9.0	P21	25
LCMD10-00-Q*	10	—	Blank	—	4.4	14.5	—	—	75.3	—	P21	25
LCMD16-6CD-Q*	16	65	M6	22.0 – 25.0	5.5	13.0	10.3	6.5	59.5	6.6	P24	25
LCMD16-8-Q*	16	65	M8	44.5	5.5	13.0	10.3	6.5	79.0	9.0	P24	25
LCMD16-00-Q*	16	65	Blank	—	5.5	15.0	—	—	81.2	—	P24	25
LCMD25-8CD-Q*	25	—	M8	22.0 – 25.0	6.9	15.5	10.0	8.0	62.0	9.0	P29	25
LCMD25-8-Q	25	—	M8	44.5	6.9	15.5	10.0	8.0	81.5	9.0	P29	25
LCMD25-10-Q	25	—	M10	44.5	6.9	15.5	10.0	8.0	81.5	11.0	P29	25
LCMD25-12-Q	25	—	M12	44.5	7.1	20.0	14.5	11.5	89.5	14.0	P29	25
LCMD25-00-Q*	25	—	Blank	—	7.1	20.0	—	—	89.5	—	P29	25
LCMD35-8CD-Q	35	—	M8	22.0 – 25.0	8.2	15.5	12.3	8.5	67.0	9.0	P29	25
LCMD35-10-Q	35	—	M10	44.5	8.2	15.5	12.3	8.5	86.5	11.0	P29	25
LCMD35-12-Q	35	—	M12	44.5	8.2	21.5	14.5	11.5	92.5	14.0	P29	25
LCMD35-00-Q*	35	—	Blank	—	8.2	21.5	—	—	92.5	—	P29	25
LCMD50-10CD-X	50	—	M10	22.0 – 25.0	9.8	18.0	11.5	10.0	71.5	11.0	P37	10
LCMD50-10-X	50	—	M10	44.5	9.8	18.0	11.5	10.0	91.0	11.0	P37	10
LCMD50-12-X	50	—	M12	44.5	9.8	23.0	14.0	11.0	94.5	14.0	P37	10
LCMD50-00-X*	50	—	Blank	—	9.8	23.0	—	—	94.5	—	P37	10
LCMD70-10CD-X	70	—	M10	22.0 – 25.0	11.5	20.5	14.5	11.0	78.5	11.0	P45	10
LCMD70-10-X	70	—	M10	44.5	11.5	20.8	14.5	11.5	98.0	11.0	P45	10
LCMD70-12-X	70	—	M12	44.5	11.5	20.8	14.5	11.5	98.0	14.0	P45	10
LCMD70-00-X*	70	—	Blank	—	11.5	20.8	—	—	98.0	—	P45	10
LCMD95-10CD-X	95	—	M10	22.0 – 25.0	13.5	24.5	15.0	13.0	85.5	11.0	P54	10
LCMD95-12-X	95	—	M12	44.5	13.5	24.5	15.0	13.5	105.0	14.0	P54	10
LCMD95-14-X	95	—	M14	44.5	13.5	24.5	15.0	13.5	105.0	16.0	P54	10
LCMD95-00-X*	95	—	Blank	—	13.5	24.5	—	—	105.0	—	P54	10

‡See page D3.83 for tool and die information.

*UL Recognized only.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Table continues on page D2.110



PANDUIT® ELECTRICAL SOLUTIONS

A.
System
Overview



Metric Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

Part Number	Copper Conductor Size Class 2R (mm²)	Current Rating (Amps)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)						Panduit Die Index No.‡	Std. Pkg. Qty.
					ØI	B	M	N	L	ØD		
LCMD120-10CD-X	120	—	M10	22.0 – 25.0	15.2	27.5	15.5	14.0	90.0	11.0	P62	10
LCMD120-12-X	120	—	M12	44.5	15.2	27.5	15.5	14.5	109.5	14.0	P62	10
LCMD120-14-X	120	—	M14	44.5	15.2	27.5	15.5	14.5	109.5	16.0	P62	10
LCMD120-00-X*	120	—	Blank	—	15.2	27.5	—	—	109.5	—	P62	10
LCMD150-10CD-X	150	—	M10	22.0 – 25.0	16.5	30.5	18.0	16.0	95.5	11.0	P66	10
LCMD150-12-X	150	—	M12	44.5	16.5	30.5	18.0	16.5	115.0	14.0	P66	10
LCMD150-14-X	150	—	M14	44.5	16.5	30.5	22.0	16.5	118.5	16.0	P66	10
LCMD150-00-X*	150	—	Blank	—	16.5	30.5	—	—	118.5	—	P66	10
LCMD185-10CD-X	185	—	M10	22.0 – 25.0	18.6	33.5	16.5	17.0	97.5	11.0	P76	10
LCMD185-12-X	185	—	M12	44.5	18.6	33.5	16.5	17.5	117.0	14.0	P76	10
LCMD185-14-X	185	—	M14	44.5	18.6	33.5	21.0	17.5	121.5	16.0	P76	10
LCMD185-00-X*	185	—	Blank	—	18.6	33.5	—	—	121.5	—	P76	10
LCMD240-10CD-5	240	—	M10	22.0 – 25.0	20.8	37.5	21.0	19.0	111.5	11.0	P87	5
LCMD240-12-5	240	—	M12	44.5	20.8	37.5	21.0	19.5	131.0	14.0	P87	5
LCMD240-14-5	240	—	M14	44.5	20.8	37.5	21.0	19.5	131.0	16.0	P87	5
LCMD240-00-5*	240	—	Blank	—	20.8	37.5	—	—	131.0	—	P87	5
LCMD300-12-5	300	—	M12	44.5	23.5	42.5	22.0	20.0	139.0	14.0	P94	5
LCMD300-14-5	300	—	M14	44.5	23.5	42.5	22.0	20.0	139.0	16.0	P94	5
LCMD300-00-5*	300	—	Blank	—	23.5	42.5	—	—	139.0	—	P94	5
LCMD400-12-5	400	—	M12	44.5	27.0	49.5	26.5	23.5	151.5	14.0	P106	5
LCMD400-14-5	400	—	M14	44.5	27.0	49.5	26.5	23.5	151.5	16.0	P106	5
LCMD400-16-5	400	—	M16	44.5	27.0	49.5	26.5	23.5	151.5	18.0	P106	5
LCMD400-00-5*	400	—	Blank	—	27.0	49.5	—	—	151.5	—	P106	5
LCMD500-12-1	500	—	M12	44.5	31.0	57.5	28.5	25.5	164.5	14.0	P125	1
LCMD500-14-1	500	—	M14	44.5	31.0	57.5	28.5	25.5	164.5	16.0	P125	1
LCMD500-16-1	500	—	M16	44.5	31.0	57.5	28.5	25.5	164.5	18.0	P125	1
LCMD500-00-1*	500	—	Blank	—	31.0	57.5	—	—	164.5	—	P125	1
LCMD630-12-1	630	—	M12	44.5	34.5	63.0	28.5	27.5	175.5	14.0	P125	1
LCMD630-14-1	630	—	M14	44.5	34.5	63.0	28.5	27.5	175.5	16.0	P125	1
LCMD630-16-1	630	—	M16	44.5	34.5	63.0	28.5	27.5	175.5	18.0	P125	1
LCMD630-00-1*	630	—	Blank	—	34.5	63.0	—	—	175.5	—	P125	1

‡See page D3.83 for tool and die information.

*UL Recognized only.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



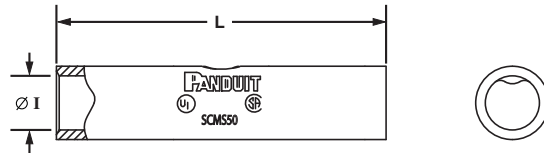


Metric Conductor, Standard Barrel, Butt Splice

For Use with Class 2 Stranded Copper Conductors

Type SCMS

- Tin-plated to inhibit corrosion
- UL Listed, UL Recognized, and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Product information marked on connector for selection and installation
- Internally beveled wire entry for fast and easy installation



Part Number	Copper Conductor Size Class 2R (mm ²)	Current Rating (Amps)	Figure Dimensions (mm)		Panduit Die Index No. ‡	Std. Pkg. Qty.
			ØI	L		
SCMS10-C*	10	50	4.5	30.0	P21	100
SCMS16-C*	16	65	5.5	35.0	P24	100
SCMS25-L	25	—	6.9	36.0	P29	50
SCMS35-L	35	—	8.2	36.0	P29	50
SCMS50-L	50	—	9.8	49.0	P37	50
SCMS70-L	70	—	11.5	52.0	P45	50
SCMS95-Q	95	—	13.5	54.0	P54	25
SCMS120-Q	120	—	15.2	57.0	P62	25
SCMS150-X	150	—	16.5	57.0	P66	10
SCMS185-X	185	—	18.6	61.0	P76	10
SCMS240-X	240	—	20.8	72.0	P87	10
SCMS300-5	300	—	23.5	75.0	P94	5
SCMS400-5	400	—	27.0	95.0	P106	5
SCMS500-6	500	—	31.0	96.0	P125	6
SCMS630-6	630	—	34.5	131.0	P125	6

‡See page D3.83 for tool and die information.

*UL Recognized only.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index



A. System Overview



Code Conductor, One-Hole, Aluminum Lug

B1. Cable Ties

For Use with Stranded Aluminum or Copper Code Conductors

Type LAA

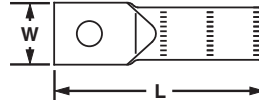
B2. Cable Accessories

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection

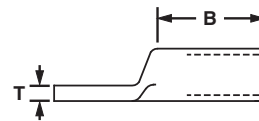
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies

B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway



C3. Abrasion Protection

C4. Cable Management

Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LAA6-14-X	#6 AWG	1/4	0.55	0.86	0.11	2.20	Gray	P29	346	29	1	10
LAA6-56-X		5/16	0.55	1.00	0.11	2.20	Gray	P29	346	29	1	10
LAA4-14-X	#4 AWG	1/4	0.66	1.05	0.19	2.05	Green	P37	375	37	1 1/16	10
LAA4-56-X		5/16	0.69	1.08	0.16	2.23	Green	P37	375	37	1 1/16	10
LAA4-38-X	#2 AWG	3/8	0.69	0.92	0.16	2.33	Green	P37	375	37	1 1/16	10
LAA2-14-X		1/4	0.75	0.98	0.17	2.63	Pink	P42	348	42	1	10
LAA2-56-X	#2 AWG	5/16	0.75	0.98	0.17	2.63	Pink	P42	348	42	1	10
LAA2-38-X		3/8	0.75	0.98	0.17	2.63	Pink	P42	348	42	1	10
LAA1-14-X	#1 AWG	1/4	0.75	0.98	0.17	2.63	Gold	P45	471	45	1	10
LAA1-56-X		5/16	0.75	0.98	0.17	2.63	Gold	P45	471	45	1	10
LAA1-38-X	1/0 AWG	3/8	0.75	0.98	0.17	2.63	Gold	P45	471	45	1	10
LAA1/0-56-X		5/16	0.88	1.30	0.25	3.23	Tan	P50	296	50	1 9/16	10
LAA1/0-38-X	1/0 AWG	3/8	0.88	1.30	0.25	3.23	Tan	P50	296	50	1 9/16	10
LAA1/0-12-X		1/2	0.88	1.30	0.25	3.23	Tan	P50	296	50	1 9/16	10
LAA2/0-38-5	2/0 AWG	3/8	0.95	1.31	0.23	3.19	Olive	P54	297	54	1 9/16	5
LAA2/0-12-5		1/2	0.95	1.30	0.23	3.19	Olive	P54	297	54	1 9/16	5
LAA3/0-38-5	3/0 AWG	3/8	1.07	1.50	0.25	3.44	Ruby	P60	467	60	1 9/16	5
LAA3/0-12-5		1/2	1.07	1.50	0.25	3.44	Ruby	P60	467	60	1 9/16	5
LAA4/0-38-5	4/0 AWG	3/8	1.19	1.44	0.32	3.56	White	P66	298	66	1 3/4	5
LAA4/0-12-5		1/2	1.19	1.44	0.32	3.56	White	P66	298	66	1 3/4	5
LAA250-38-5	250 kcmil	3/8	1.24	1.56	0.30	3.63	Red	P71	324	71	1 9/16	5
LAA250-12-5		1/2	1.24	1.56	0.30	3.63	Red	P71	324	71	1 9/16	5
LAA300-38-2	300 kcmil	3/8	1.38	2.25	0.34	4.05	Blue	P76	470	76	2 5/16	2
LAA300-12-2		1/2	1.38	2.25	0.34	4.05	Blue	P76	470	76	2 5/16	2
LAA350-12-2	350 kcmil	1/2	1.50	2.25	0.38	4.30	Brown	P87	299	87	2 5/16	2
LAA400-58-2	400 kcmil	5/8	1.61	2.50	0.41	4.92	Green	P94	472	94	2 9/16	2
LAA500-12-2	500 kcmil	1/2	1.75	3.00	0.44	5.56	Pink	P99	300	99	3 1/16	2
LAA500-58-2		5/8	1.75	3.00	0.44	5.56	Pink	P99	300	99	3 1/16	2
LAA750-58-1	750 kcmil	5/8	1.75	3.38	0.53	6.55	Red	P125	301	115	3 7/16	1
LAA1000-58-1	1000 kcmil	5/8	2.56	4.50	0.61	7.38	Brown	P161	302	161	4 3/4	1

‡See pages D3.84, D3.85 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

See page D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.



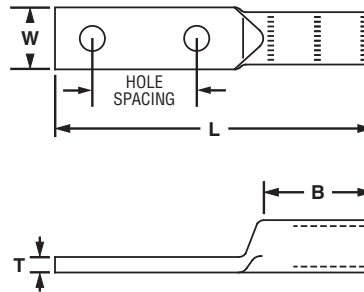


Code Conductor, Two-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAB

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing



Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
◆ LAB1/0-38-X	1/0 AWG	3/8	1.75	0.88	1.55	0.25	5.33	Tan	P50	296	50	1 9/16	10
◆ LAB2/0-12-5	2/0 AWG	1/2	1.75	0.94	1.55	0.25	5.55	Olive	P54	297	54	1 9/16	5
◆ LAB3/0-12-5	3/0 AWG	1/2	1.75	1.03	1.55	0.27	5.55	Ruby	P60	467	60	1 9/16	5
◆ LAB4/0-12-5	4/0 AWG	1/2	1.75	1.19	1.80	0.31	5.98	White	P66	298	66	1 3/4	5
◆ LAB250-12-5	250 kcmil	1/2	1.75	1.25	1.80	0.31	6.05	Red	P71	324	71	1 3/4	5
◆ LAB300-12-2	300 kcmil	1/2	1.75	1.36	2.30	0.34	6.61	Blue	P76	470	76	2 5/16	2
◆ LAB350-12-2	350 kcmil	1/2	1.75	1.50	2.30	0.38	6.61	Brown	P87	299	87	2 5/16	2
◆ LAB400-12-2	400 kcmil	1/2	1.75	1.66	2.55	0.38	6.92	Green	P94	472	94	2 9/16	2
◆ LAB500-12-2	500 kcmil	1/2	1.75	1.72	3.05	0.44	7.36	Pink	P99	300	99	3 1/16	2
◆ LAB600-12-2	600 kcmil	1/2	1.75	1.72	3.05	0.50	7.55	Black	P106	473	106	3 1/16	2
◆ LAB750-12-1	750 kcmil	1/2	1.75	1.72	3.42	0.56	7.31	Red	P125	301	115	3 7/16	1
◆ LAB800-12-1	800 kcmil	1/2	1.75	1.72	3.42	0.59	8.30	Gray	P140	474	125	3 7/16	1
◆ LAB1000-12-1	1000 kcmil	1/2	1.75	2.56	4.67	0.63	9.67	Brown	P161	302	161	4 3/4	1

‡See pages D3.84, D3.85 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

See page D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

◆NEMA hole sizes and spacing.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



A.
System
Overview

Belleville Compression Washers

B1.
Cable Ties

Type CW

- Conical spring washer for use when assembling aluminum connectors to copper and/or steel pads, compensates for differing rates of thermal expansion to keep hardware assembly from loosening

- For assembly information, see page D2.158
- Made from hardened steel to provide high strength
- Cadmium-plated to inhibit corrosion

B2.
Cable
Accessories



B3.
Stainless
Steel Ties

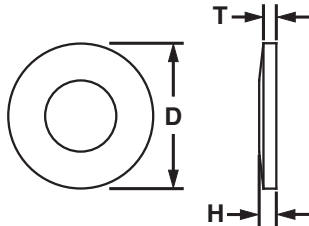
C1.
Wiring
Duct

Part Number	Stud Hole Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
		D	H	T	
CW-14-L	1/4	.68	.09	.05	50
CW-56-L	5/16	.81	.08	.06	50
CW-38-L	3/8	.93	.10	.07	50
CW-12-Q	1/2	1.18	.12	.09	25
CW-58-Q	5/8	1.49	.15	.12	25

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management



D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
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E1.
Labeling
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E3.
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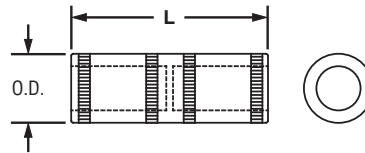


Code Conductor, Aluminum Splice

For Use with Stranded Aluminum-to-Aluminum or Copper-to-Copper Conductors

Type SA

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plugs and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin-plated to inhibit corrosion
- Internal solid center prevents over-insertion of conductor
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Aluminum or Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SA6-X	#6 AWG	0.34	1.62	Gray	P29	346	29	3/4	10
SA4-X	#4 AWG	0.48	2.13	Green	P37	375	37	7/8	10
SA2-X	#2 AWG	0.53	2.00	Pink	P42	348	45	7/16	10
SA1-X	#1 AWG	0.53	2.00	Gold	P45	471	45	7/16	10
SA1/0-X	1/0 AWG	0.64	2.12	Tan	P50	296	50	1	10
SA2/0-5	2/0 AWG	0.69	2.31	Olive	P54	297	54	1 1/8	5
SA3/0-5	3/0 AWG	0.76	2.62	Ruby	P60	467	60	1 1/4	5
SA4/0-5	4/0 AWG	0.88	2.75	White	P66	298	66	1 5/16	5
SA250-5	250 kcmil	0.91	2.94	Red	P71	324	71	1 7/16	5
SA300-2	300 kcmil	1.01	3.12	Blue	P76	470	76	1 1/2	2
SA350-2	350 kcmil	1.12	3.37	Brown	P87	299	87	1 5/8	2
SA400-2	400 kcmil	1.19	3.75	Green	P94	472	94	1 13/16	2
SA500-2	500 kcmil	1.32	3.87	Pink	P99	300	99	1 7/8	2
SA600-2	600 kcmil	1.44	4.12	Black	P106	473	106	2	2
SA750-1	750 kcmil	1.60	4.62	Red	P125	301	115	2 1/4	1
SA800-1	800 kcmil	1.66	4.75	Gray	P140	474	125	2 5/16	1
SA1000-1	1000 kcmil	1.84	5.25	Brown	P161	302	161	2 9/16	1

‡See pages D3.84, D3.85 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V. See page D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



A. System Overview

Code Conductor, Aluminum, Reducing Splice

B1. Cable Ties

For Reducing Stranded Aluminum-to-Aluminum or Aluminum-to-Copper Conductors

B2. Cable Accessories

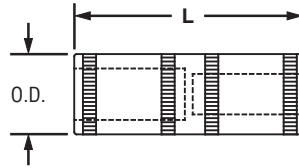
Type SAR

- Dual rated for use with aluminum or copper conductors
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin-plated to inhibit corrosion
- For use up to 35 KV** and temperature rated 90°C when crimped with Panduit and specified competitor crimping tools and dies

B3. Stainless Steel Ties



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

Part Number	Aluminum Conductor Size From	Aluminum or Copper Conductor Size To	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			Barrel O.D.	L						
SAR2-4-X	#2 AWG	#4 AWG	0.64	4.25	Tan	P50	296	50	2 1/16	10
SAR1/0-2-X	1/0 AWG	#2 AWG	0.64	4.25	Tan	P50	296	50	2 1/16	10
SAR3/0-1/0-5	3/0 AWG	1/0 AWG	0.91	4.98	Red	P71	324	71	2 5/16	5
SAR4/0-2/0-5	4/0 AWG	2/0 AWG	0.91	5.24	Red	P71	324	71	2 3/16	5
SAR350-4/0-2	350 kcmil	4/0 AWG	1.12	6.63	Brown	P87	299	87	3 3/16	2
SAR500-350-2	500 kcmil	350 kcmil	1.32	8.60	Pink	P99	300	99	4 1/4	2
SAR600-500-2	600 kcmil	500 kcmil	1.49	9.25	Black	P106	473	106	4	2
SAR750-600-2	750 kcmil	600 kcmil	1.60	9.88	Red	P125	301	115	4 7/16	2

C4. Cable Management

D1. Terminals

‡See pages D3.86 – D3.87 for tool and die information.

D2. Power Connectors

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

See pages D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

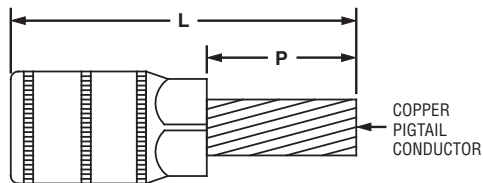
F. Index

UL LISTED Code Conductor, Aluminum, Bi-Metallic Pin Connector

Provides Copper Pigtail for Connecting Aluminum Conductors to a Copper or Aluminum/Copper Rated Mechanical Lug

Type BPC

- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Panduit die index number and color code embossed on barrel for proper crimp die selection
- Insulating rubber sleeve included to insulate aluminum barrel from contact with copper connector when attached to pin
- Tin-plated to inhibit corrosion
- UL Listed per UL 486B; temperature rated 90°C and for use up to 600 V when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Aluminum Conductor Size	Copper Pigtail Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			L	P						
BPC6-L	#6 AWG	#8 AWG	2.45	0.88	Tan	P50	296	50	1 1/16	50
BPC4-L	#4 AWG	#6 AWG	2.45	0.88	Tan	P50	296	50	1 1/16	50
BPC2-L	#2 AWG	#4 AWG	2.45	0.88	Tan	P50	296	50	1 1/16	50
BPC1-X	#1 AWG	#3 AWG	2.58	1.00	Tan	P50	296	50	1 1/16	10
BPC1/0-X	1/0 AWG	#2 AWG	3.33	1.25	Red	P71	298	76	1 5/16	10
BPC2/0-X	2/0 AWG	#1 AWG	3.33	1.25	Red	P71	298	76	1 5/16	10
BPC3/0-X	3/0 AWG	1/0 AWG	3.46	1.38	Red	P71	298	76	1 5/16	10
BPC4/0-X	4/0 AWG	2/0 AWG	3.46	1.38	Red	P71	298	76	1 5/16	10
BPC250-X	250 kcmil	3/0 AWG	3.71	1.50	Green	P94	299	99, 87	1 7/16	10
BPC300-X	300 kcmil	4/0 AWG	4.10	1.63	Green	P94	299	99, 87	1 7/16	10
BPC350-X	350 kcmil	4/0 AWG	4.10	1.63	Green	P94	299	99, 87	1 7/16	10
BPC400-X	400 kcmil	250 kcmil	4.35	1.88	Black	P106	300	106	1 7/16	10
BPC500-X	500 kcmil	350 kcmil	4.35	1.88	Black	P106	300	106	1 7/16	10
BPC600-6	600 kcmil	350 kcmil	4.77	1.88	Red	P125	936	115	1 15/16	6
BPC750-6	750 kcmil	500 kcmil	4.90	2.00	Red	P125	936	115	1 15/16	6

‡See pages D3.88 – D3.89 for tool and die information.
See pages D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

- A. System Overview
- B1. Cable Ties
- B2. Cable Accessories
- B3. Stainless Steel Ties
- C1. Wiring Duct
- C2. Surface Raceway
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- E5. Lockout/Tagout & Safety Solutions
- F. Index



A.
System
Overview

Joint Compounds

B1.
Cable Ties

For Use with Aluminum Connectors

B2.
Cable
Accessories

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

B3.
Stainless
Steel Ties



C1.
Wiring
Duct

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor, 8 oz. Operating temperature range -40°F (-40°C) to 400°F (204°C). Compatible with all insulating materials.	1

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
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