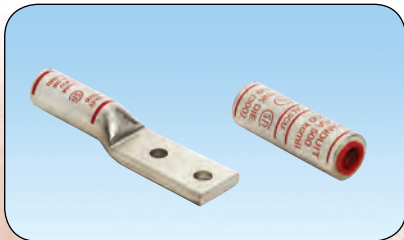


## Compression Connectors

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.


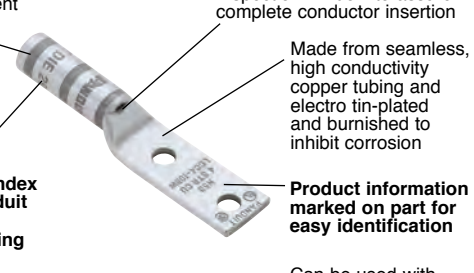
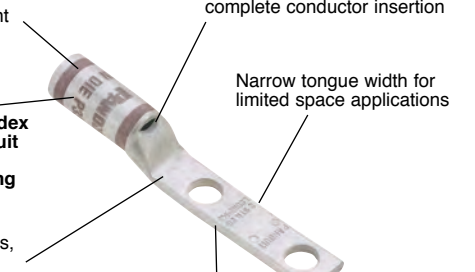
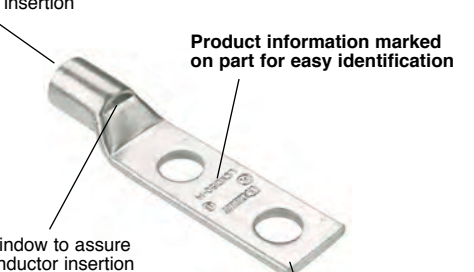




- **Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the compression connector**
- **Color-coded to facilitate quick identification of the proper crimping die**
- **Made from high strength, high conductivity electrolytic copper 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.

## Features and Benefits – Pan-Lug™ Compression Connectors

**Bolded features are unique to Panduit.**

<h3>Copper Lugs</h3> <p>Color-coded bands for proper die selection and crimp placement</p> <p><b>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</b></p> <p>Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion</p> <p>Internally beveled barrel end for easy conductor insertion (types LCCF and LCAF available with flared entry for flex conductor)</p> <p>Inspection windows available to assure complete conductor insertion</p> <p><b>Part number, stud size, and conductor size marked on part for easy identification</b></p>  <p>UL LISTED SF CERTIFIED</p>	<h3>Flex Lugs</h3> <p>Color-coded bands for proper die selection and crimp placement</p> <p>Inspection window to assure complete conductor insertion</p> <p>Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion</p> <p><b>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</b></p> <p><b>Product information marked on part for easy identification</b></p> <p>Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive</p>  <p>UL LISTED SF CERTIFIED</p>
<h3>Narrow Tongue Lugs</h3> <p>Color-coded bands for proper die selection and crimp placement</p> <p><b>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</b></p> <p>Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion</p> <p>Inspection window to assure complete conductor insertion</p> <p>Narrow tongue width for limited space applications</p> <p><b>Product information marked on part for easy identification</b></p>  <p>UL LISTED SF CERTIFIED</p>	<h3>Copper Metric Lugs</h3> <p>Internally beveled barrel ends for easy conductor insertion</p> <p>Inspection window to assure complete conductor insertion</p> <p><b>Product information marked on part for easy identification</b></p> <p>Made from 99.9% pure copper for high quality connection and tin-plated to inhibit corrosion</p>  <p>UL LISTED SF CERTIFIED</p>
<h3>Copper Parallel Splice</h3> <p>Chamfered on both ends for fast and easy conductor insertion</p> <p>Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion</p> <p><b>Largest part marking in the industry – easier to read in low light conditions</b></p> <p>Intuitive part numbering for fast and accurate part selection in the field</p> <p>Industry recognized color-coding for selection</p>  <p>UL LISTED SF CERTIFIED</p>	<h3>Aluminum Lugs</h3> <p><b>Easy-to-read die index numbers for Panduit and specified competitor crimping dies for selection</b></p> <p>Part number and conductor size marked on part for easy identification</p> <p>Made from seamless wrought aluminum and electro tin-plated to inhibit corrosion</p> <p>Crimping areas marked on part for proper crimp placement</p> <p>Factory pre-filled with oxide inhibitor to prevent oxidation</p>  <p>UL US LISTED</p>

B1.  
Cable  
Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Cable  
Ties &  
Accessories

C1.  
Wiring  
Duct

C2.  
Abrasion  
Protection

C3.  
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/  
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Part  
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Compression connector crimping tools speed installation and reduce total installed cost. Visit [www.panduit.com/tools](http://www.panduit.com/tools).



Panduit designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements. See pages E1.1 – E2.27.



Heat shrink tubing provides an economical and easy way to insulate, protect, harness and color code electrical and electronic components. See pages C2.23 – C2.42.

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

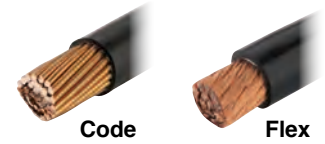









Code



Connector	Barrel Style	Type	Page Number
One-Hole Lugs	Standard Barrel with Inspection Window	LCA	D2.9, D2.10
		LCAN narrow tongue	D2.11, D2.12
	Long Barrel no Inspection Window	LCB	D2.13, D2.14
Two-Hole Lugs	Standard Barrel with Inspection Window	LCD	D2.15, D2.16, D2.17
		LCDN narrow tongue	D2.18
	Long Barrel no Inspection Window	LCC	D2.19, D2.20
	Long Barrel with Inspection Window	LCC-W	D2.21, D2.22, D2.23, D2.24
		LCCN-W narrow tongue	D2.25
Butt Splices	Standard Barrel	SCS	D2.26
	Long Barrel	SCL	D2.27
Parallel Splices		PSC	D2.28

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



Connector	Barrel Style	Type	Page Number
 <b>One-Hole Lugs</b>	Standard Barrel with Inspection Window Code and Flex	LCAX	D2.30, D2.31
		LCAXN narrow tongue	D2.32
	Long Barrel with Inspection Window Code and Flex	LCBX	D2.33
		 <b>Two-Hole Lugs</b>	Standard Barrel with Inspection Window Code and Flex
LCDXN narrow tongue	D2.37		
Long Barrel with Inspection Window Code and Flex	LCCX		D2.38, D2.39
	LCCXN narrow tongue		D2.40
 <b>Butt Splices with Flared Entry for Flex</b>	SCSF		D2.41
	 <b>Reducing Splices with Inspection Window for Code and Flex</b>	RSCK kits with reducing splice and clear heat shrink	
RSC reducing splices		D2.43, D2.44	
 <b>One-Hole Metric Lugs</b>		Long Barrel	LCMB
	LCMA		D2.45, D2.46
	<b>NEW!</b> LCMA-H		D2.47, D2.48
	<b>NEW!</b> LCMA-F		D2.49, D2.50
	 <b>Two-Hole Metric Lugs</b>		Long Barrel
<b>NEW!</b> LCMC		D2.55, D2.56	
 <b>Metric Splices</b>		SCMS	

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

Connector	Type	Page Number
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One-Hole Lugs	LAA	D2.58
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Two-Hole Lugs	LAB	D2.59
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Butt Splices	SA	D2.61
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B-Metallic Pin Connectors for Aluminum Conductors Only	BPC	D2.62
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Belleville Washers	CW	D2.60
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Joint Compounds	CMP	D2.60, D2.91
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## Part Number System for Pan-Lug™ Compression Lugs

LCD Type	2/0 Conductor Size	— 38 Stud Hole Size	D Two Stud Hole Spacing	F Tongue Angle	— X Standard Package Size
example: LCD = Lug, Copper Two-Hole Standard Barrel	2/0 = 2/0 AWG	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	A = 0.625" B = 0.750" C = 0.875" D = 1.0" E = 1.25" G = 1.5" J = 0.5" K = 2" M = 1.375" P = 0.688" Q = 1.125" No Letter = 1.75" or 44.5mm CD = 22.0-25.0mm	H = 45° F = 90° No Letter = Straight	1 = 1 3 = 3 5 = 5 6 = 6 X = 10 E = 20 Q = 25 L = 50 C = 100
		5 = M5 6 = M6 8 = M8 10 = M10 12 = M12 14 = M14 16 = M16 20 = M20			

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Steel Cable  
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C1.  
Wiring  
Duct

C2.  
Abrasion  
Protection

C3.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
&  
Write-On  
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E4.  
Permanent  
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E5.  
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Systems

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Part  
Number  
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### 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.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
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
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

‡Visit [www.panduit.com/tools](http://www.panduit.com/tools) for tool and die information.

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

◆ NEMA hole sizes and spacing

Continues on next page