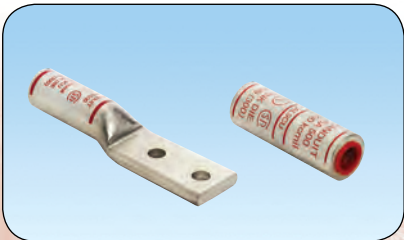


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Compression Connectors

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>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</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>Part number, stud size, and conductor size marked on part for easy identification</p> <p>UL LISTED CS 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>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</p> <p>Product information marked on part for easy identification</p> <p>Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive</p> <p>UL LISTED CS CERTIFIED</p>
<h3>Narrow Tongue Lugs</h3> <p>Color-coded bands for proper die selection and crimp placement</p> <p>Inspection window to assure complete conductor insertion</p> <p>Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection</p> <p>Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion</p> <p>Narrow tongue width for limited space applications</p> <p>Product information marked on part for easy identification</p> <p>UL LISTED CS CERTIFIED</p>	<h3>Copper Metric Lugs</h3> <p>Internally beveled barrel ends for easy conductor insertion</p> <p>Product information marked on part for easy identification</p> <p>Inspection window to assure complete conductor insertion</p> <p>Made from 99.9% pure copper for high quality connection and tin-plated to inhibit corrosion</p> <p>UL LISTED CS 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>Intuitive part numbering for fast and accurate part selection in the field</p> <p>Industry recognized color-coding for selection</p> <p>Largest part marking in the industry – easier to read in low light conditions</p> <p>UL LISTED CS CERTIFIED</p>	<h3>Aluminum Lugs</h3> <p>Easy-to-read die index numbers for Panduit and specified competitor crimping dies for selection</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 LISTED</p>

B1.
Cable
Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Cable
Ties &
Accessories

C1.
Wiring
Duct

C2.
Abrasion
Protection

C3.
Cable
Management

D1.
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D2.
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D3.
Grounding
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E1.
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Keystone
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Systems

G.
Part
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Compression connector crimping tools speed installation and reduce total installed cost. Visit 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
		LCC-W	D2.21, D2.22, D2.23, D2.24
 Butt Splices	Standard Barrel	LCCN-W narrow tongue	D2.25
		SCS	D2.26
	Long Barrel	SCL	D2.27
 Parallel Splices		PSC	D2.28

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

5 = M5

6 = M6

8 = M8

10 = M10

12 = M12

14 = M14

16 = M16

20 = M20

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