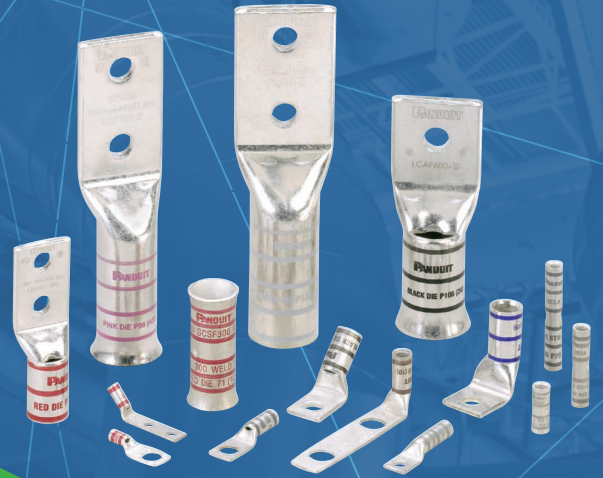




Power Connectors Product Selection Guide

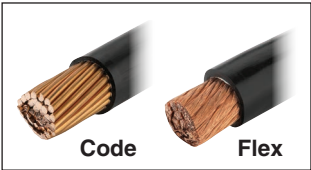


Panduit Power Connectors

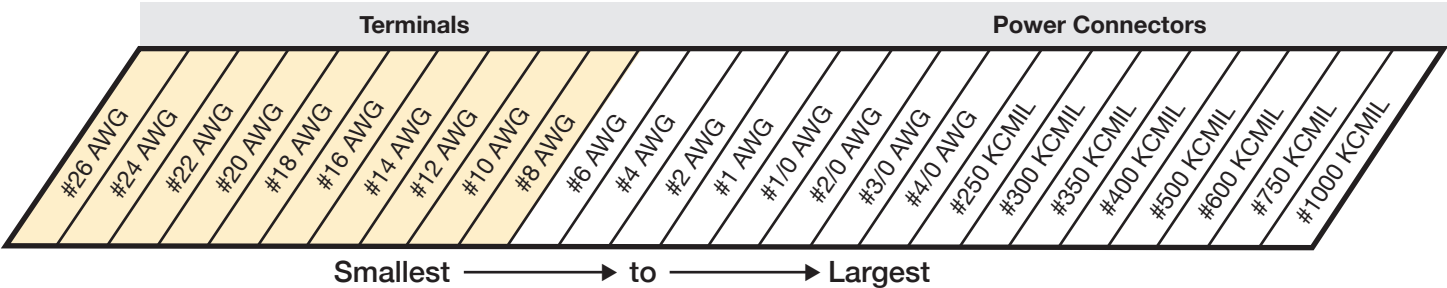
Panduit® Pan-Lug™ Compression Connectors provide permanent terminations for a variety of power and grounding applications, with innovation, highest reliability, and lowest installed cost. Panduit offers the first and only copper compression lugs and splices that meet Network Equipment-Building Systems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

Part Number System for Pan-Lug™ Compression Lugs

LCD	2/0	—	38	D	F	—	X
Type	Conductor Size		Stud Hole Size	Two Stud Hole Spacing	Tongue Angle		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



Wire Sizes



AWG

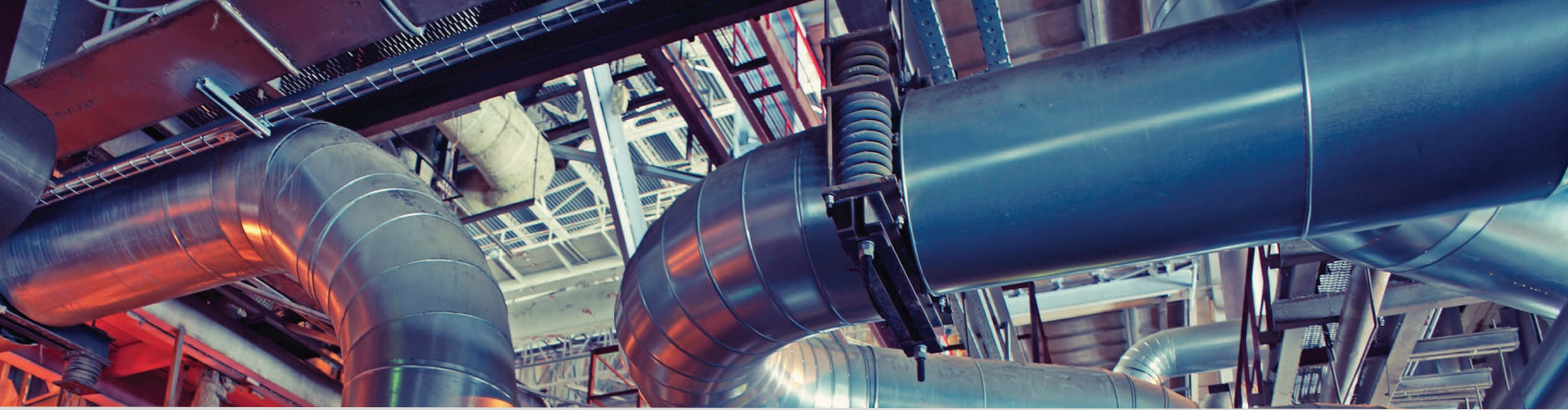
- A U.S. measurement standard of the diameter of non-ferrous wire, which includes copper and aluminum
- The thicker the wire, the greater the current-carrying capacity and the longer the distance it can span
- The smaller the AWG number, the thicker the wire

KCMIL

- In the North American electrical industry, conductors larger than 4/0 AWG are generally identified by the area in thousands of circular mils (kcmil)
- A circular mil is the area of a wire one mil in diameter
- One million circular mils is the area of a rod with 1000 mil = 1 inch diameter
- The smaller the KCMIL number, the thinner the wire

Blackfin

- Innovative tools lead the industry in safety and reliability, meeting OSHA requirements for operator safety



	Product Families	Standard Barrel	Long Barrel	Standard Tongue	Narrow Tongue	Inspection Window	No Inspection Window	Code Cable	Flex Cable
<u>One Hole Lug AWG</u>	LCA	✓		✓		✓		✓	
	LCAN	✓			✓	✓		✓	
	LCAX	✓		✓		✓		✓	✓
	LCAXN	✓			✓	✓		✓	✓
	LCAF	✓		✓		✓			✓
	S-R	✓		✓		✓		✓	
	A-R	✓		✓			✓		✓
	LAA*	✓		✓			✓	✓	
	LCB		✓	✓		✓	✓	✓	
	LCBX		✓	✓		✓		✓	✓
<u>One Hole Lug Metric</u>	LCMA	✓		✓		✓		✓	✓
	LIECA	✓		✓		✓			✓
	LCMB		✓	✓			✓	✓	✓
<u>Two Hole Lug AWG</u>	LCD	✓		✓		✓		✓	
	LCDN	✓			✓	✓		✓	
	LCDX	✓		✓		✓		✓	✓
	LCDXN	✓		✓		✓		✓	✓
	LCC		✓	✓		✓	✓	✓	
	LCCN		✓		✓	✓		✓	
	LCCX		✓	✓		✓		✓	✓
	LCYX		✓	✓			✓	✓	✓
	LCCXN		✓		✓	✓		✓	✓
	LCCF		✓	✓			✓		✓
	LCCXF		✓	✓		✓		✓	✓
	LAB*		✓	✓			✓	✓	
	LCMD	✓		✓		✓		✓	✓
<u>Two Hole Lug Metric</u>	LCMC		✓	✓			✓	✓	✓

* Aluminum Body and Aluminum Conductor Only- LAA & LAB Series



One Hole Lug



Two Hole Lug



Standard Tongue



Narrow Tongue



Standard Barrel



Long Barrel



Inspection Window



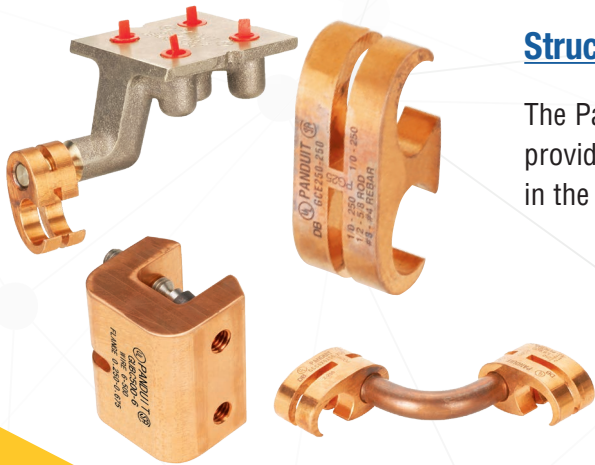
No Inspection Window

Tooling and Solutions



BlackFin Tooling:

Innovative tools lead the industry in safety and reliability, meeting OSHA requirements for operator safety.



StructuredGround™ Compression Grounding

The Panduit® StructuredGround™ Direct Burial Compression Grounding System provides the highest performance and most reliable compression connection in the industry.

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