

A. System Overview



## Code Conductor, One-Hole, Aluminum Lug

B1. Cable Ties

**For Use with Stranded Aluminum or Copper Code Conductors**

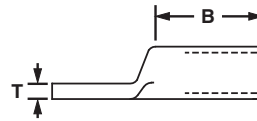
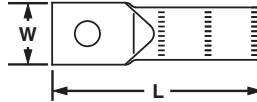
B2. Cable Accessories

### Type LAA

- Manufactured from high conductivity thick wall wrought aluminum
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Tin-plated to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- 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.

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