



**THE DATASHEET OF
LCA300-12-X**



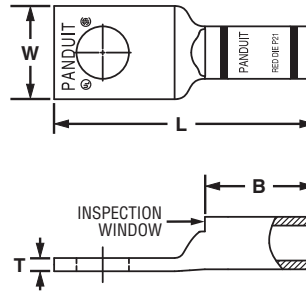


Code Conductor, One-Hole, Standard Barrel with Window Lug

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*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#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

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.‡	Burndy 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	600 kcmil	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	600 kcmil	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	750 kcmil	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		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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View LCA300-12-X on WIN SOURCE](#)

 [Panduit Corp](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management