

System Overview



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 for use up to 35KV**, temperature rated 90°C and CSA Certified to 600V when crimped with **PANDUIT®** and specified competitor crimping tools and dies

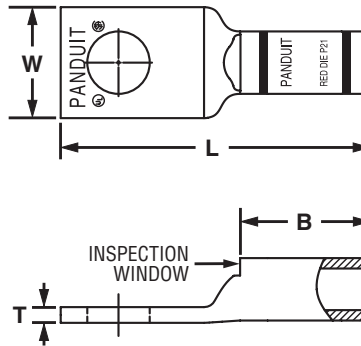
- UL Listed and CSA Certified for wire range-taking capability when crimped with **PANDUIT® UNI-DIE™** dieless crimping tools ‡
- Tested by Telcordia — meets NEBS Level 3

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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						
LCA10-10-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	.38	.38	.06	1.07	—	—	—	—	7/16	50
LCA10-14-L*		1/4	.42	.38	.05	1.16	—	—	—	—	7/16	50
LCA10-56-L*		5/16	.54	.38	.04	1.28	—	—	—	—	7/16	50
LCA10-38-L*		3/8	.56	.38	.04	1.38	—	—	—	—	7/16	50
LCA8-10-L	#8 AWG	#10	.41	.56	.08	1.25	Red	P21	49	21	5/8	50
LCA8-14-L		1/4	.48	.56	.07	1.34	Red	P21	49	21	5/8	50
LCA8-56-L		5/16	.56	.56	.05	1.46	Red	P21	49	21	5/8	50
LCA8-38-L		3/8	.60	.56	.05	1.56	Red	P21	49	21	5/8	50
LCA6-10-L	#6 AWG	#10	.45	.81	.09	1.52	Blue	P24	7	24	7/8	50
LCA6-14-L		1/4	.48	.81	.08	1.61	Blue	P24	7	24	7/8	50
LCA6-56-L		5/16	.56	.81	.07	1.73	Blue	P24	7	24	7/8	50
LCA6-38-L		3/8	.62	.81	.06	1.83	Blue	P24	7	24	7/8	50
LCA4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	.81	.09	1.54	Gray	P29	8	29	7/8	50
LCA4-14-L		1/4	.55	.81	.09	1.63	Gray	P29	8	29	7/8	50
LCA4-56-L		5/16	.55	.81	.09	1.75	Gray	P29	8	29	7/8	50
LCA4-38-L		3/8	.62	.81	.07	1.85	Gray	P29	8	29	7/8	50
LCA2-14-Q	#2 AWG	1/4	.60	.88	.10	1.77	Brown	P33	10	33	15/16	25
LCA2-56-Q		5/16	.66	.88	.10	1.90	Brown	P33	10	33	15/16	25
LCA2-38-Q		3/8	.66	.88	.10	1.97	Brown	P33	10	33	15/16	25
LCA2-12-Q		1/2	.75	.88	.08	2.21	Brown	P33	10	33	15/16	25
LCA1-14-E	#1 AWG	1/4	.70	.88	.11	1.79	Green	P37	11	37	15/16	20
LCA1-56-E		5/16	.70	.88	.11	1.92	Green	P37	11	37	15/16	20
LCA1-38-E		3/8	.70	.88	.11	1.99	Green	P37	11	37	15/16	20
LCA1-12-E		1/2	.75	.88	.09	2.23	Green	P37	11	37	15/16	20

PANDUIT® TERMINATION SOLUTIONS



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	.76	.94	.12	1.95	Pink	P42	12	42	1	10
LCA1/0-56-X		5/16	.76	.94	.12	2.00	Pink	P42	12	42	1	10
LCA1/0-38-X		3/8	.76	.94	.12	2.08	Pink	P42	12	42	1	10
LCA1/0-12-X		1/2	.80	.94	.12	2.31	Pink	P42	12	42	1	10
LCA2/0-14-X	2/0 AWG	1/4	.85	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-56-X		5/16	.85	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-38-X		3/8	.85	.98	.13	2.15	Black	P45	13	45	1 1/16	10
LCA2/0-12-X		1/2	.85	.98	.13	2.40	Black	P45	13	45	1 1/16	10
LCA3/0-14-X	3/0 AWG	1/4	.96	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-56-X		5/16	.96	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-38-X		3/8	.96	1.14	.13	2.34	Orange	P50	14	50	1 3/16	10
LCA3/0-12-X		1/2	.96	1.14	.13	2.59	Orange	P50	14	50	1 3/16	10
LCA4/0-14-X	4/0 AWG	1/4	1.06	1.19	.14	2.36	Purple	P54	15	54	1 1/4	10
LCA4/0-56-X		5/16	1.06	1.19	.14	2.38	Purple	P54	15	54	1 1/4	10
LCA4/0-38-X		3/8	1.06	1.19	.14	2.45	Purple	P54	15	54	1 1/4	10
LCA4/0-12-X		1/2	1.06	1.19	.14	2.68	Purple	P54	15	54	1 1/4	10
LCA250-14-X	250 kcmil	1/4	1.17	1.25	.14	2.47	Yellow	P62	16	62	1 5/16	10
LCA250-56-X		5/16	1.17	1.25	.14	2.48	Yellow	P62	16	62	1 5/16	10
LCA250-38-X		3/8	1.17	1.25	.14	2.55	Yellow	P62	16	62	1 5/16	10
LCA250-12-X		1/2	1.17	1.25	.14	2.78	Yellow	P62	16	62	1 5/16	10
LCA300-56-X	300 kcmil	5/16	1.19	1.44	.16	2.94	White	P66	17	66	1 1/2	10
LCA300-38-X		3/8	1.19	1.44	.16	2.94	White	P66	17	66	1 1/2	10
LCA300-12-X		1/2	1.19	1.44	.16	3.05	White	P66	17	66	1 1/2	10
LCA300-58-X		5/8	1.19	1.44	.16	3.26	White	P66	17	66	1 1/2	10
LCA300-78-X	350 kcmil	7/8	1.19	1.44	.16	3.70	White	P66	17	66	1 1/2	10
LCA350-38-X		3/8	1.28	1.44	.17	2.98	Red	P71	18	71	1 1/2	10
LCA350-12-X		1/2	1.28	1.44	.17	3.09	Red	P71	18	71	1 1/2	10
LCA350-58-X		5/8	1.28	1.44	.17	3.30	Red	P71	18	71	1 1/2	10
LCA350-78-X	400 kcmil	7/8	1.28	1.44	.17	3.74	Red	P71	18	71	1 1/2	10
LCA400-38-6		3/8	1.39	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-12-6		1/2	1.39	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-58-6		5/8	1.39	1.50	.18	3.43	Blue	P76	19	76	1 9/16	6
LCA400-78-6	500 kcmil	7/8	1.39	1.50	.18	3.82	Blue	P76	19	76	1 9/16	6
LCA500-38-6		3/8	1.54	1.75	.22	3.39	Brown	P87	20	87	1 13/16	6
LCA500-12-6		1/2	1.54	1.75	.22	3.55	Brown	P87	20	87	1 13/16	6
LCA500-58-6		5/8	1.54	1.75	.22	3.76	Brown	P87	20	87	1 13/16	6
LCA500-34-6	600 kcmil	3/4	1.54	1.75	.22	3.90	Brown	P87	20	87	1 13/16	6
LCA500-78-6		7/8	1.54	1.75	.22	4.15	Brown	P87	20	87	1 13/16	6
LCA500-1-6		1	1.54	1.75	.22	4.27	Brown	P87	20	87	1 13/16	6
LCA600-12-6		1/2	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-58-6	750 kcmil	5/8	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-78-6		7/8	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA750-58-6		5/8	1.89	1.88	.26	4.59	Black	P106	24	106	1 15/16	6

‡See [pages L8, L9 and L10, L11](#) in Technical Info section 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 volts.

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