

A.
System
Overview



Code Conductor, One-Hole, Long Barrel Lug, 45° Angle

B1.
Cable Ties

For Use with Stranded Copper Conductors

B2.
Cable
Accessories

Type LCB-H

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion

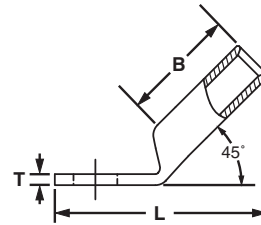
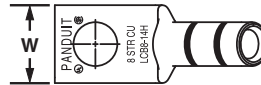
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved

C1.
Wiring
Duct



C2.
Surface
Raceway

C3.
Abrasion
Protection



C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
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E1.
Labeling
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E2.
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E3.
Pre-Printed
& Write-On
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E4.
Permanent
Identification

E5.
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Tagout
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Solutions

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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						
LCB8-10H-L	#8 AWG	#10	0.41	0.70	0.08	1.23	Red	P21	49	21	3/4	50
LCB8-14H-L		1/4	0.48	0.70	0.07	1.31	Red	P21	49	21	3/4	50
LCB6-10H-L	#6 AWG	#10	0.45	1.07	0.09	1.52	Blue	P24	7	24	1 1/8	50
LCB6-14H-L		1/4	0.48	1.07	0.08	1.60	Blue	P24	7	24	1 1/8	50
LCB6-38H-L		3/8	0.62	1.07	0.05	1.81	Blue	P24	7	24	1 1/8	50
LCB4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.54	Gray	P29	8	29	1 1/8	50
LCB4-14H-L		1/4	0.55	1.05	0.09	1.63	Gray	P29	8	29	1 1/8	50
LCB2-10H-Q	#2 AWG	#10	0.60	1.16	0.10	1.68	Brown	P33	10	33	1 1/4	25
LCB2-56H-Q		5/16	0.66	1.16	0.10	1.87	Brown	P33	10	33	1 1/4	25
LCB1-10H-E	#1 AWG	#10	0.70	1.36	0.11	1.83	Green	P37	11	37	1 7/16	20
LCB1-56H-E		5/16	0.70	1.36	0.11	2.03	Green	P37	11	37	1 7/16	20
LCB1/0-10H-X		#10	0.76	1.44	0.12	1.92	Pink	P42	12	42	1 1/2	10
LCB1/0-56H-X	1/0 AWG	5/16	0.76	1.44	0.12	2.12	Pink	P42	12	42	1 1/2	10
LCB1/0-38H-X		3/8	0.76	1.44	0.12	2.19	Pink	P42	12	42	1 1/2	10
LCB1/0-12H-X		1/2	0.80	1.44	0.11	2.42	Pink	P42	12	42	1 1/2	10
LCB2/0-38H-X	2/0 AWG	3/8	0.85	1.50	0.13	2.31	Black	P45	13	45	1 9/16	10
LCB2/0-12H-X		1/2	0.85	1.50	0.13	2.53	Black	P45	13	45	1 9/16	10
LCB3/0-38H-X	3/0 AWG	3/8	0.96	1.50	0.13	2.33	Orange	P50	14	50	1 9/16	10
LCB3/0-12H-X		1/2	0.96	1.50	0.13	2.58	Orange	P50	14	50	1 9/16	10

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



Code Conductor, One-Hole, Long Barrel Lug, 45° Angle (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						
LCB4/0-38H-X	4/0 AWG	3/8	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12H-X		1/2	1.06	1.56	0.14	2.67	Purple	P54	15	54	1 5/8	10
LCB250-12H-X	250 kcmil	1/2	1.17	1.61	0.14	2.74	Yellow	P62	16	62	1 11/16	10
LCB250-78H-X		7/8	1.25	1.61	0.12	3.27	Yellow	P62	16	62	1 11/16	10
LCB300-56H-X	300 kcmil	5/16	1.19	2.24	0.16	3.24	White	P66	17	66	2 5/16	10
LCB300-38H-X		3/8	1.19	2.24	0.16	3.24	White	P66	17	66	2 5/16	10
LCB300-12H-X		1/2	1.19	2.24	0.16	3.35	White	P66	17	66	2 5/16	10
LCB350-12H-X	350 kcmil	1/2	1.28	2.24	0.17	3.39	Red	P71	18	71	2 5/16	10
LCB350-78H-X		7/8	1.28	2.24	0.17	4.04	Red	P71	18	71	2 5/16	10
LCB400-12H-6	400 kcmil	1/2	1.39	2.30	0.18	3.53	Blue	P76	19	76	2 3/8	6
LCB400-58H-6		5/8	1.39	2.30	0.18	3.74	Blue	P76	19	76	2 3/8	6
LCB400-78H-6		7/8	1.39	2.30	0.18	4.13	Blue	P76	19	76	2 3/8	6
LCB500-12H-6	500 kcmil	1/2	1.54	2.50	0.22	3.74	Brown	P87	20	87	2 9/16	6
LCB500-58H-6		5/8	1.54	2.50	0.22	3.95	Brown	P87	20	87	2 9/16	6
LCB500-78H-6		7/8	1.54	2.50	0.22	4.34	Brown	P87	20	87	2 9/16	6
LCB600-12H-6	600 kcmil	1/2	1.70	2.69	0.26	4.56	Green	P94	22	94	2 3/4	6
LCB600-58H-6		5/8	1.70	2.69	0.26	4.56	Green	P94	22	94	2 3/4	6

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

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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
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E1.
Labeling
Systems

E2.
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