

A.
System
Overview



Code Conductor, One-Hole, Long Barrel Lug, 90° Angle

For Use with Stranded Copper Conductors

B1.
Cable Ties

Type LCB-F

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

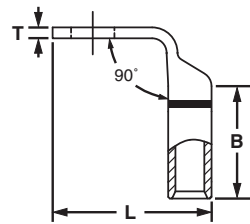
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used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

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

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						
LCB8-10F-L	#8 AWG	#10	0.41	0.70	0.08	1.08	Red	P21	49	21	3/4	50
LCB8-14F-L		1/4	0.48	0.70	0.07	1.07	Red	P21	49	21	3/4	50
LCB6-10F-L	#6 AWG	#10	0.45	1.07	0.09	1.49	Blue	P24	7	24	1 1/8	50
LCB6-14F-L		1/4	0.48	1.07	0.08	1.48	Blue	P24	7	24	1 1/8	50
LCB6-38F-L		3/8	0.62	1.07	0.05	1.45	Blue	P24	7	24	1 1/8	50
LCB4-10F-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.53	Gray	P29	8	29	1 1/8	50
LCB4-14F-L		1/4	0.55	1.05	0.09	1.53	Gray	P29	8	29	1 1/8	50
LCB2-10F-Q	#2 AWG	#10	0.60	1.16	0.10	1.75	Brown	P33	10	33	1 1/4	25
LCB2-56F-Q		5/16	0.66	1.16	0.10	1.74	Brown	P33	10	33	1 1/4	25
LCB1-10F-E	#1 AWG	#10	0.70	1.36	0.11	2.00	Green	P37	11	37	1 7/16	20
LCB1-56F-E		5/16	0.70	1.36	0.11	2.00	Green	P37	11	37	1 7/16	20
LCB1/0-10F-X		#10	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-56F-X	1/0 AWG	5/16	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-38F-X		3/8	0.76	1.44	0.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-12F-X		1/2	0.80	1.44	0.12	2.14	Pink	P42	12	42	1 1/2	10
LCB2/0-38F-X	2/0 AWG	3/8	0.85	1.50	0.13	2.30	Black	P45	13	45	1 9/16	10
LCB3/0-38F-X	3/0 AWG	3/8	0.96	1.50	0.13	2.35	Orange	P50	14	50	1 9/16	10
LCB3/0-12F-X		1/2	0.96	1.50	0.13	2.35	Orange	P50	14	50	1 9/16	10
LCB4/0-38F-X	4/0 AWG	3/8	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12F-X		1/2	1.06	1.56	0.14	2.48	Purple	P54	15	54	1 5/8	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, 90° 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						
LCB250-12F-X	250 kcmil	1/2	1.17	1.61	0.14	2.57	Yellow	P62	16	62	1 11/16	10
LCB250-78F-X		7/8	1.25	1.61	0.12	2.49	Yellow	P62	16	62	1 11/16	10
LCB350-12F-X	350 kcmil	1/2	1.28	2.24	0.17	3.34	Red	P71	18	71	2 5/16	10
LCB350-78F-X		7/8	1.28	2.24	0.17	3.34	Red	P71	18	71	2 5/16	10
LCB400-58F-6	400 kcmil	5/8	1.39	2.30	0.18	3.47	Blue	P76	19	76	2 3/8	6
LCB400-78F-6		7/8	1.39	2.30	0.18	3.47	Blue	P76	19	76	2 3/8	6
LCB500-12F-6	500 kcmil	1/2	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-58F-6		5/8	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-78F-6		7/8	1.54	2.50	0.22	3.77	Brown	P87	20	87	2 9/16	6
LCB600-12F-6	600 kcmil	1/2	1.70	2.69	0.26	4.08	Green	P94	22	94	2 3/4	6
LCB600-58F-6		5/8	1.70	2.69	0.26	4.08	Green	P94	22	94	2 3/4	6

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

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