

A. System Overview



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

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

Type LCB-F

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

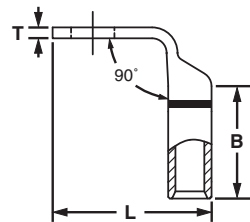
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets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

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

| Part Number | Copper Conductor Size | Stud Hole Size (In.) | Figure Dimensions (In.) | | | | Panduit Color Code | Panduit Die Index No.‡ | Burdndy 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 | 2/0 AWG | 1/2 | 0.80 | 1.44 | 0.12 | 2.14 | Pink | P42 | 12 | 42 | 1 1/2 | 10 |
| LCB2/0-38F-X | | 3/8 | 0.85 | 1.50 | 0.13 | 2.30 | Black | P45 | 13 | 45 | 1 9/16 | 10 |
| LCB3/0-38F-X | | 3/8 | 0.96 | 1.50 | 0.13 | 2.35 | Orange | P50 | 14 | 50 | 1 9/16 | 10 |
| LCB3/0-12F-X | 3/0 AWG | 1/2 | 0.96 | 1.50 | 0.13 | 2.35 | Orange | P50 | 14 | 50 | 1 9/16 | 10 |
| LCB4/0-38F-X | | 3/8 | 1.06 | 1.56 | 0.14 | 2.48 | Purple | P54 | 15 | 54 | 1 5/8 | 10 |
| LCB4/0-12F-X | 4/0 AWG | 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.

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



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.

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

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