

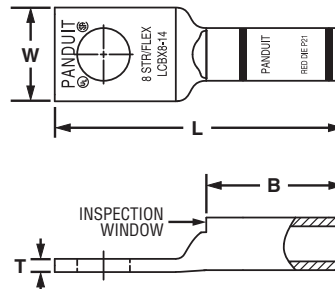


Flex Conductor, One-Hole, Long Barrel with Window Lug

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCBX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- 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
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



| Part Number | Flex Conductor Size | | Code 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. |
|--------------|---------------------|-------------------|---------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
| | Class G, H, I, K, M | Diesel Locomotive | | | W | B | T | L | | | | | | |
| LCBX8-10-L | | | | #10 | 0.41 | 0.70 | 0.08 | 1.39 | Red | P21 | 49 | 21 | 3/4 | 50 |
| LCBX8-14-L | #8 AWG | #8 AWG | #8 AWG | 1/4 | 0.48 | 0.70 | 0.07 | 1.48 | Red | P21 | 49 | 21 | 3/4 | 50 |
| LCBX8-38-L | | | | 3/8 | 0.60 | 0.70 | 0.05 | 1.70 | Red | P21 | 49 | 21 | 3/4 | 50 |
| LCBX6-14-L | #6 AWG | #6 AWG | #6 AWG | 1/4 | 0.48 | 1.07 | 0.08 | 1.86 | Blue | P24 | 7 | 24 | 1 1/8 | 50 |
| LCBX6-38-L | | | | 3/8 | 0.62 | 1.07 | 0.06 | 2.08 | Blue | P24 | 7 | 24 | 1 1/8 | 50 |
| LCBX4-14-L | #4 AWG | #5, #4, #3 AWG | #4 AWG | 1/4 | 0.55 | 1.05 | 0.09 | 1.87 | Gray | P29 | 8 | 29 | 1 1/8 | 50 |
| LCBX4-38-L | | | | 3/8 | 0.62 | 1.05 | 0.07 | 2.09 | Gray | P29 | 8 | 29 | 1 1/8 | 50 |
| LCBX2-14-E* | #2 AWG | #2 AWG | #2 AWG | 1/4 | 0.70 | 1.36 | 0.11 | 2.26 | Brown | P33 | 10 | 33 | 1 7/16 | 20 |
| LCBX2-38-E* | | | | 3/8 | 0.70 | 1.36 | 0.11 | 2.46 | Brown | P33 | 10 | 33 | 1 7/16 | 20 |
| LCBX2-12-E* | | | | 1/2 | 0.75 | 1.36 | 0.09 | 2.70 | Brown | P33 | 10 | 33 | 1 7/16 | 20 |
| LCBX1-14-X | #1 AWG | #1 AWG | #1 AWG | 1/4 | 0.76 | 1.44 | 0.12 | 2.44 | Green | P37 | 11 | 37 | 1 1/2 | 10 |
| LCBX1-56-X | | | | 5/16 | 0.76 | 1.44 | 0.12 | 2.50 | Green | P37 | 11 | 37 | 1 1/2 | 10 |
| LCBX1-38-X | | | | 3/8 | 0.76 | 1.44 | 0.12 | 2.57 | Green | P37 | 11 | 37 | 1 1/2 | 10 |
| LCBX1/0-14-X | 1/0 AWG | 1/0 AWG | 1/0 AWG | 1/4 | 0.85 | 1.50 | 0.13 | 2.61 | Pink | P42 | 12 | 42 | 1 9/16 | 10 |
| LCBX1/0-38-X | | | | 3/8 | 0.85 | 1.50 | 0.13 | 2.67 | Pink | P42 | 12 | 42 | 1 9/16 | 10 |
| LCBX1/0-12-X | | | | 1/2 | 0.85 | 1.50 | 0.13 | 2.92 | Pink | P42 | 12 | 42 | 1 9/16 | 10 |
| LCBX2/0-14-X | 2/0 AWG | 2/0 AWG | 2/0 AWG | 1/4 | 0.96 | 1.50 | 0.13 | 2.64 | Black | P45 | 13 | 45 | 1 9/16 | 10 |
| LCBX2/0-38-X | | | | 3/8 | 0.96 | 1.50 | 0.13 | 2.70 | Black | P45 | 13 | 45 | 1 9/16 | 10 |
| LCBX2/0-12-X | | | | 1/2 | 0.96 | 1.50 | 0.13 | 2.96 | Black | P45 | 13 | 45 | 1 9/16 | 10 |
| LCBX3/0-38-X | 3/0 AWG | 3/0 AWG | 3/0 AWG | 3/8 | 1.06 | 1.56 | 0.14 | 2.81 | Orange | P50 | 14 | 50 | 1 5/8 | 10 |
| LCBX4/0-38-X | 4/0 AWG | 4/0 AWG | 4/0 AWG | 3/8 | 1.19 | 2.24 | 0.16 | 3.74 | Purple | P54 | 15 | 54 | 2 5/16 | 10 |
| LCBX4/0-12-X | | | | 1/2 | 1.19 | 2.24 | 0.16 | 3.85 | Purple | P54 | 15 | 54 | 2 5/16 | 10 |
| LCBX250-38-X | 250 kcmil | 262.6 kcmil | — | 3/8 | 1.28 | 2.24 | 0.17 | 3.78 | Yellow | P62 | 16 | 62 | 2 5/16 | 10 |
| LCBX250-12-X | | | — | 1/2 | 1.28 | 2.24 | 0.17 | 3.89 | Yellow | P62 | 16 | 62 | 2 5/16 | 10 |
| LCBX250-58-X | | | — | 5/8 | 1.28 | 2.24 | 0.17 | 4.10 | Yellow | P62 | 16 | 62 | 2 5/16 | 10 |
| LCBX300-38-6 | 300 kcmil | 313.1 kcmil | — | 3/8 | 1.39 | 2.30 | 0.18 | 4.02 | Red | P71 | 18 | 71H | 2 3/8 | 6 |
| LCBX350-38-6 | 350 kcmil | 373.7 kcmil | — | 3/8 | 1.54 | 2.50 | 0.22 | 4.14 | Blue | P76 | 19 | 76H | 2 9/16 | 6 |
| LCBX350-12-6 | | | — | 1/2 | 1.54 | 2.50 | 0.22 | 4.30 | Blue | P76 | 19 | 76H | 2 9/16 | 6 |
| LCBX450-38-6 | 450 kcmil | 444.4 kcmil | — | 3/8 | 1.70 | 2.69 | 0.26 | 5.14 | Brown | P87 | 20 | 87H | 2 3/4 | 6 |
| LCBX500-38-6 | 500 kcmil | 535.3 kcmil | — | 3/8 | 1.89 | 2.88 | 0.26 | 4.84 | Pink | P99 | L99 | 99H | 2 15/16 | 6 |
| LCBX500-12-6 | | | — | 1/2 | 1.89 | 2.88 | 0.26 | 5.03 | Pink | P99 | L99 | 99H | 2 15/16 | 6 |

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

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

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