

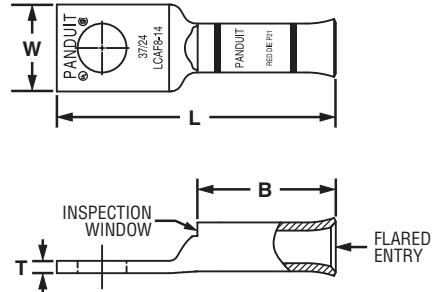


Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit 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 crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved



| Part Number | Flex Conductor Size | | Stud Hole Size (In.) | Figure Dimensions (In.) | | | | Panduit Color Code | Panduit Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|--------------|---------------------|-------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-------------------------|----------------|
| | Class K and M | Diesel Locomotive | | W | B | T | L | | | | |
| LCAF8-10-L | — | #8 AWG | #10 | 0.41 | 0.76 | 0.08 | 1.45 | Red | P21 | 13/16 | 50 |
| LCAF8-14-L | | | 1/4 | 0.48 | 0.76 | 0.07 | 1.54 | Red | P21 | 13/16 | 50 |
| LCAF8-56-L | | | 5/16 | 0.56 | 0.76 | 0.05 | 1.66 | Red | P21 | 13/16 | 50 |
| LCAF8-38-L | | | 3/8 | 0.60 | 0.76 | 0.05 | 1.76 | Red | P21 | 13/16 | 50 |
| LCAF6-10-L | #6 AWG | #6 AWG | #10 | 0.45 | 0.81 | 0.09 | 1.52 | Blue | P24 | 7/8 | 50 |
| LCAF6-14-L | | | 1/4 | 0.48 | 0.81 | 0.08 | 1.61 | Blue | P24 | 7/8 | 50 |
| LCAF6-56-L | | | 5/16 | 0.56 | 0.81 | 0.07 | 1.73 | Blue | P24 | 7/8 | 50 |
| LCAF6-38-L | | | 3/8 | 0.62 | 0.81 | 0.06 | 1.83 | Blue | P24 | 7/8 | 50 |
| LCAF4-10-L | #4 AWG | #4 AWG | #10 | 0.55 | 0.81 | 0.09 | 1.54 | Gray | P29 | 7/8 | 50 |
| LCAF4-14-L | | | 1/4 | 0.55 | 0.81 | 0.09 | 1.63 | Gray | P29 | 7/8 | 50 |
| LCAF4-56-L | | | 5/16 | 0.55 | 0.81 | 0.09 | 1.75 | Gray | P29 | 7/8 | 50 |
| LCAF4-38-L | | | 3/8 | 0.62 | 0.81 | 0.07 | 1.85 | Gray | P29 | 7/8 | 50 |
| LCAF2-14-E | #2 AWG | #2 AWG | 1/4 | 0.70 | 0.88 | 0.11 | 1.79 | Brown | P33 | 15/16 | 20 |
| LCAF2-56-E | | | 5/16 | 0.70 | 0.88 | 0.11 | 1.92 | Brown | P33 | 15/16 | 20 |
| LCAF2-38-E | | | 3/8 | 0.70 | 0.88 | 0.11 | 1.99 | Brown | P33 | 15/16 | 20 |
| LCAF2-12-E | | | 1/2 | 0.79 | 0.88 | 0.09 | 2.23 | Brown | P33 | 15/16 | 20 |
| LCAF1-14-X | #1 AWG | #1 AWG | 1/4 | 0.76 | 0.94 | 0.12 | 1.95 | Pink | P42 | 1 | 10 |
| LCAF1-56-X | | | 5/16 | 0.76 | 0.94 | 0.12 | 2.00 | Pink | P42 | 1 | 10 |
| LCAF1-38-X | | | 3/8 | 0.76 | 0.94 | 0.12 | 2.08 | Pink | P42 | 1 | 10 |
| LCAF1-12-X | | | 1/2 | 0.80 | 0.94 | 0.12 | 2.31 | Pink | P42 | 1 | 10 |
| LCAF1/0-14-X | 1/0 AWG | 1/0 AWG | 1/4 | 0.85 | 1.35 | 0.13 | 2.46 | Black | P45 | 1 7/16 | 10 |
| LCAF1/0-56-X | | | 5/16 | 0.85 | 1.35 | 0.13 | 2.46 | Black | P45 | 1 7/16 | 10 |
| LCAF1/0-38-X | | | 3/8 | 0.85 | 1.35 | 0.13 | 2.52 | Black | P45 | 1 7/16 | 10 |
| LCAF1/0-12-X | | | 1/2 | 0.85 | 1.35 | 0.13 | 2.77 | Black | P45 | 1 7/16 | 10 |

‡See pages D3.74, D3.75 for tool and die information.

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

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B2. Cable Accessories

B3. Stainless Steel Ties

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F. Index

A. System Overview



Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug (continued)

B1. Cable Ties

B2. Cable Accessories

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C1. Wiring Duct

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D1. Terminals

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

| Part Number | Flex Conductor Size | | Stud Hole Size (In.) | Figure Dimensions (In.) | | | | Panduit Color Code | Panduit Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|---------------------|---------------------|-------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-------------------------|----------------|
| | Class K and M | Diesel Locomotive | | W | B | T | L | | | | |
| LCAF2/0-14-X | 2/0 AWG | 2/0 AWG | 1/4 | 0.96 | 1.35 | 0.13 | 2.49 | Orange | P50 | 1 7/16 | 10 |
| LCAF2/0-56-X | | | 5/16 | 0.96 | 1.35 | 0.13 | 2.49 | Orange | P50 | 1 7/16 | 10 |
| LCAF2/0-38-X | | | 3/8 | 0.96 | 1.35 | 0.13 | 2.55 | Orange | P50 | 1 7/16 | 10 |
| LCAF2/0-12-X | | | 1/2 | 0.96 | 1.35 | 0.13 | 2.80 | Orange | P50 | 1 7/16 | 10 |
| LCAF3/0-14-X | 3/0 AWG | 3/0 AWG | 1/4 | 1.06 | 1.35 | 0.14 | 2.52 | Purple | P54 | 1 7/16 | 10 |
| LCAF3/0-56-X | | | 5/16 | 1.06 | 1.35 | 0.14 | 2.53 | Purple | P54 | 1 7/16 | 10 |
| LCAF3/0-38-X | | | 3/8 | 1.06 | 1.35 | 0.14 | 2.60 | Purple | P54 | 1 7/16 | 10 |
| LCAF3/0-12-X | | | 1/2 | 1.06 | 1.35 | 0.14 | 2.83 | Purple | P54 | 1 7/16 | 10 |
| LCAF4/0-14-X | 4/0 AWG | 4/0 AWG | 1/4 | 1.17 | 1.35 | 0.14 | 2.56 | Yellow | P62 | 1 7/16 | 10 |
| LCAF4/0-56-X | | | 5/16 | 1.17 | 1.35 | 0.14 | 2.58 | Yellow | P62 | 1 7/16 | 10 |
| LCAF4/0-38-X | | | 3/8 | 1.17 | 1.35 | 0.14 | 2.65 | Yellow | P62 | 1 7/16 | 10 |
| LCAF4/0-12-X | | | 1/2 | 1.17 | 1.35 | 0.14 | 2.88 | Yellow | P62 | 1 7/16 | 10 |
| LCAF250-38-X | 250 kcmil | 262.6 kcmil | 3/8 | 1.28 | 1.65 | 0.17 | 3.19 | White | P66 | 1 3/4 | 10 |
| LCAF250-12-X | | | 1/2 | 1.28 | 1.65 | 0.17 | 3.30 | White | P66 | 1 3/4 | 10 |
| LCAF250-58-X | | | 5/8 | 1.28 | 1.65 | 0.17 | 3.51 | White | P66 | 1 3/4 | 10 |
| LCAF250-78-X | | | 7/8 | 1.28 | 1.65 | 0.17 | 3.95 | White | P66 | 1 3/4 | 10 |
| LCAF300-38-6 | 300 kcmil | 313.1 kcmil | 3/8 | 1.39 | 1.65 | 0.18 | 3.37 | Red | P71 | 1 3/4 | 6 |
| LCAF300-12-6 | | | 1/2 | 1.39 | 1.65 | 0.18 | 3.37 | Red | P71 | 1 3/4 | 6 |
| LCAF300-58-6 | | | 5/8 | 1.39 | 1.65 | 0.18 | 3.58 | Red | P71 | 1 3/4 | 6 |
| LCAF300-78-6 | | | 7/8 | 1.39 | 1.65 | 0.18 | 3.97 | Red | P71 | 1 3/4 | 6 |
| LCAF350-38-6 | 350 kcmil | 373.7 kcmil | 3/8 | 1.54 | 1.85 | 0.22 | 3.49 | Blue | P76 | 1 15/16 | 6 |
| LCAF350-12-6 | | | 1/2 | 1.54 | 1.85 | 0.22 | 3.65 | Blue | P76 | 1 15/16 | 6 |
| LCAF350-58-6 | | | 5/8 | 1.54 | 1.85 | 0.22 | 3.86 | Blue | P76 | 1 15/16 | 6 |
| LCAF350-34-6 | | | 3/4 | 1.54 | 1.85 | 0.22 | 4.00 | Blue | P76 | 1 15/16 | 6 |
| LCAF350-78-6 | 400 kcmil | 444.4 kcmil | 7/8 | 1.54 | 1.85 | 0.22 | 4.25 | Blue | P76 | 1 15/16 | 6 |
| LCAF350-1-6 | | | 1 | 1.54 | 1.85 | 0.22 | 4.37 | Blue | P76 | 1 15/16 | 6 |
| LCAF400-12-6 | | | 1/2 | 1.70 | 2.20 | 0.26 | 4.65 | Brown | P87 | 2 1/4 | 6 |
| LCAF400-58-6 | | | 5/8 | 1.70 | 2.20 | 0.26 | 4.65 | Brown | P87 | 2 1/4 | 6 |
| LCAF400-78-6 | 500 kcmil | 535.3 kcmil | 7/8 | 1.70 | 2.20 | 0.26 | 4.65 | Brown | P87 | 2 1/4 | 6 |
| LCAF500-12-6 | | | 1/2 | 1.89 | 2.28 | 0.26 | 4.99 | Pink | P99 | 2 5/16 | 6 |
| LCAF500-58-6 | | | 5/8 | 1.89 | 2.28 | 0.26 | 5.18 | Pink | P99 | 2 5/16 | 6 |
| LCAF600-12-6 | | | — | 646.4 kcmil | 1/2 | 1.95 | 2.33 | 0.30 | 5.07 | Black | P106 |
| LCAF600-58-6 | 5/8 | 1.95 | | | 2.33 | 0.30 | 5.26 | Black | P106 | 2 3/8 | 6 |
| LCAF750-12-3 | — | 777.7 kcmil | 1/2 | 2.17 | 2.38 | 0.32 | 5.21 | Orange | P107 | 2 7/16 | 3 |
| LCAF750-58-3 | | | 5/8 | 2.17 | 2.38 | 0.32 | 5.40 | Orange | P107 | 2 7/16 | 3 |

‡See pages D3.74, D3.75 for tool and die information.

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