

CONNECTORS

Compression Connectors

Aluminum, Dual Rated, Two Hole Standard Barrel

AL-N Series

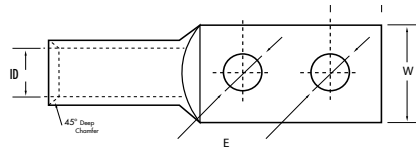
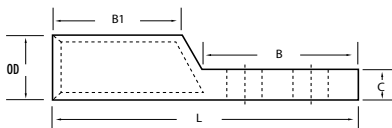


SPECIFICATIONS

- cULus Listed for Wire Connector.
- UL486A/B Listed for Wire Connector.
- UL Listed to 35kV when properly installed to cable manufacturers specifications.
- **Temperature Rating:** 90 °C. AL9CU
- **Crimp Tool:** N1240, N121D.
- **Voltage:** 600V max. (2000V max. per UL486B).

FEATURES

- Produced from high conductivity aluminum tubing.
- Electro-tin plated for corrosion resistance.
- Color coded and marked with die index information.
- Pre-filled with oxide inhibitor and capped with color coded cap.
- Listed for 35KV maximum when properly installed to cable manufactures specifications.



***EXPANDED WIRE RANGE** when installed with NSI N121D dieless compression tool.
UL Listed with other tools:
FOR TOOL/DIE CRIMPING INFORMATION, PLEASE SEE TABLE ON PAGE 90

| CAT. NO. | WIRE RANGE | EXPANDED WIRE RANGE* | COLOR CODE | BOLT SIZE | MTG. HOLE SPACING | O.D. | I.D. | LENGTH (L) | WIDTH (W) | TANG LENGTH (A) | TANG LENGTH (B) | BARREL LENGTH (B1) | TANG THICKNESS (C) | MTG. HOLE DIA. (E) | STD. CTN. QTY. |
|----------|------------|----------------------|------------|-----------|-------------------|-------|-------|------------|-----------|-----------------|-----------------|--------------------|--------------------|--------------------|----------------|
| AL1/ON | 1/0 AWG | 1/0-6 AWG | Tan | 1/2 | 1.750 | 0.630 | 0.390 | 4.748 | 0.847 | 0.630 | 3.118 | 1.201 | 0.240 | 0.508 | 12 |
| AL2/ON | 2/0 AWG | 2/0-4 AWG | Olive | 1/2 | 1.750 | 0.690 | 0.440 | 4.799 | 0.937 | 0.630 | 3.118 | 1.299 | 0.240 | 0.508 | 12 |
| AL3/ON | 3/0 AWG | 3/0-2 AWG | Ruby | 1/2 | 1.750 | 0.760 | 0.480 | 5.000 | 1.028 | 0.630 | 3.118 | 1.402 | 0.280 | 0.508 | 12 |
| AL4/ON | 4/0 AWG | 4/0-1 AWG | White | 1/2 | 1.750 | 0.840 | 0.550 | 5.248 | 1.150 | 0.630 | 3.118 | 1.402 | 0.287 | 0.508 | 12 |
| AL250N | 250 MCM | 250 MCM-1/0 AWG | Red | 1/2 | 1.750 | 0.920 | 0.590 | 5.307 | 1.260 | 0.630 | 3.118 | 1.500 | 0.319 | 0.508 | 12 |
| AL300N | 300 MCM | 300 MCM-2/0 AWG | Blue | 1/2 | 1.750 | 1.010 | 0.650 | 5.500 | 1.370 | 0.630 | 3.118 | 1.598 | 0.347 | 0.508 | 6 |
| AL350N | 350 MCM | 350MCM-3/0 AWG | Brown | 1/2 | 1.750 | 1.120 | 0.720 | 5.870 | 1.520 | 0.630 | 3.118 | 1.902 | 0.390 | 0.508 | 6 |
| AL400N | 400 MCM | 400MCM-4/0 AWG | Green | 1/2 | 1.750 | 1.190 | 0.760 | 6.429 | 1.606 | 0.630 | 3.118 | 2.299 | 0.417 | 0.508 | 6 |
| AL500N | 500 MCM | 500-250 MCM | Pink | 1/2 | 1.750 | 1.320 | 0.840 | 6.500 | 1.787 | 0.630 | 3.118 | 2.500 | 0.469 | 0.508 | 6 |
| AL600N | 600 MCM | 600-250 MCM | Black | 1/2 | 1.750 | 1.440 | 0.920 | 6.748 | 1.779 | 0.630 | 3.118 | 2.598 | 0.508 | 0.508 | 3 |
| AL750N | 750 MCM | 750-500 MCM | Yellow | 1/2 | 1.750 | 1.598 | 1.030 | 7.370 | 1.744 | 0.630 | 3.118 | 3.201 | 0.547 | 0.508 | 3 |
| AL1000N | 1000 MCM | — | Brown | 1/2 | 1.750 | 1.831 | 1.170 | 7.437 | 2.500 | 0.750 | 3.219 | 2.562 | 0.687 | 0.508 | 1 |

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