

COMPRESSION CONNECTORS

ALuminum Dual Rated

Two Hole

Standard Barrel

AL-N SERIES



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.
- Consult factory for additional hole sizes.

RATINGS



UL486A/B Listed.

UL Listed to 35kV when properly installed to cable manufacturers specifications.

TEMPERATURE RATING:

90 °C.

CRIMP TOOL:

N1240, N121D.

VOLTAGE:

600V (2000V Max. per UL486).

All dimensional data is listed in inches.

CAT. NO.	WIRE RANGE	EXPANDED WIRE RANGE*
AL1/ON	1/0 AWG	1/0-6 AWG
AL2/ON	2/0 AWG	2/0-4 AWG
AL3/ON	3/0 AWG	3/0-2 AWG
AL4/ON	4/0 AWG	4/0-1 AWG
AL250N	250 MCM	250 MCM-1/0 AWG
AL300N	300 MCM	300 MCM-2/0 AWG
AL350N	350 MCM	350MCM-3/0 AWG
AL400N	400 MCM	400MCM-4/0 AWG
AL500N	500 MCM	500-250 MCM
AL600N	600 MCM	600-250 MCM
AL750N	750 MCM	750-500 MCM
AL1000N	1000 MCM	—

*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 147



Scan QR to view Tool & Die Charts



COLOR CODE	BOLT SIZE	MTG. HOLE SPACING (E)	O.D.	I.D.	LENGTH (L)	WIDTH (W)	TANG LENGTH (A)	TANG LENGTH (B)	BARREL LENGTH (B1)	TANG THICKNESS (C)	MTG. HOLE DIA. (D)	STD. CTN. QTY.
Tan	1/2	1.750	0.630	0.390	4.748	0.847	0.630	3.118	1.201	0.240	0.508	12
Olive	1/2	1.750	0.690	0.440	4.799	0.937	0.630	3.118	1.299	0.240	0.508	12
Ruby	1/2	1.750	0.760	0.480	5.000	1.028	0.630	3.118	1.402	0.280	0.508	12
White	1/2	1.750	0.840	0.550	5.248	1.150	0.630	3.118	1.402	0.287	0.508	12
Red	1/2	1.750	0.920	0.590	5.307	1.260	0.630	3.118	1.500	0.319	0.508	12
Blue	1/2	1.750	1.010	0.650	5.500	1.370	0.630	3.118	1.598	0.347	0.508	6
Brown	1/2	1.750	1.120	0.720	5.870	1.520	0.630	3.118	1.902	0.390	0.508	6
Green	1/2	1.750	1.190	0.760	6.429	1.606	0.630	3.118	2.299	0.417	0.508	6
Pink	1/2	1.750	1.320	0.840	6.500	1.787	0.630	3.118	2.500	0.469	0.508	6
Black	1/2	1.750	1.440	0.920	6.748	1.957	0.630	3.118	2.598	0.508	0.508	3
Yellow	1/2	1.750	1.600	1.030	7.370	2.189	0.630	3.118	3.201	0.547	0.508	3
Brown	1/2	1.750	1.831	1.170	7.437	2.500	0.750	3.219	2.562	0.687	0.508	1

