

COMPRESSION CONNECTORS

Short Barrel Copper Lugs

One Hole With Peep Hole

GL SERIES



FEATURES

- Produced from high conductivity copper tubing.
- Allows easy inspection of the termination to assure complete cable insertion.
- Tin-plated to provide corrosion and low contact resistance.
- Marked with die index and color coded.
- Listed for 35KV maximum when properly installed.
- For applications greater than 2000V, installed to cable manufacturer for voltage stress relief instructions.

RATINGS



UL486A/B Listed.

UL467 Grounding & Bonding (Sizes 8 AWG - 3/0 AWG)

Max ampacity is based on NEC 310.15, insulation type, and conductor material. Please consult your current NEC manual.

* CLASS B OR C BUILDING WIRE CU CABLE ONLY

TEMPERATURE RATING/VOLTAGE:

AL9CU. Rated 600V, 90 °C.

All dimensional data is listed in inches.

CAT. NO.	WIRE RANGE	EXPANDED WIRE RANGE*
GL810	8 AWG	8 AWG
GL814	8 AWG	8 AWG
GL838		
GL856	8 AWG	8 AWG
GL614	6 AWG	6 - 8 AWG
GL656	6 AWG	6 - 8 AWG
GL638	6 AWG	6 - 8 AWG
GL414	4 AWG	4 - 6 AWG
GL456	4 AWG	4 - 6 AWG
GL438	4 AWG	4 - 6 AWG
GL338	3 AWG	3 - 6 AWG
GL214	2 AWG	2 - 6 AWG
GL256	2 AWG	2 - 6 AWG
GL238	2 AWG	2 - 6 AWG
GL114	1 AWG	1 - 6 AWG
GL156	1 AWG	1 - 6 AWG
GL138	1 AWG	1 - 6 AWG
GL1056	1/0 AWG	1/0 - 6 AWG
GL1038	1/0 AWG	1/0 - 6 AWG
GL1048	1/0 AWG	1/0 - 6 AWG
GL2056	2/0 AWG	2/0 - 4 AWG

***EXPANDED WIRE RANGE** when installed with NSI N121D dieless compression tool. UL Listed with other tools:

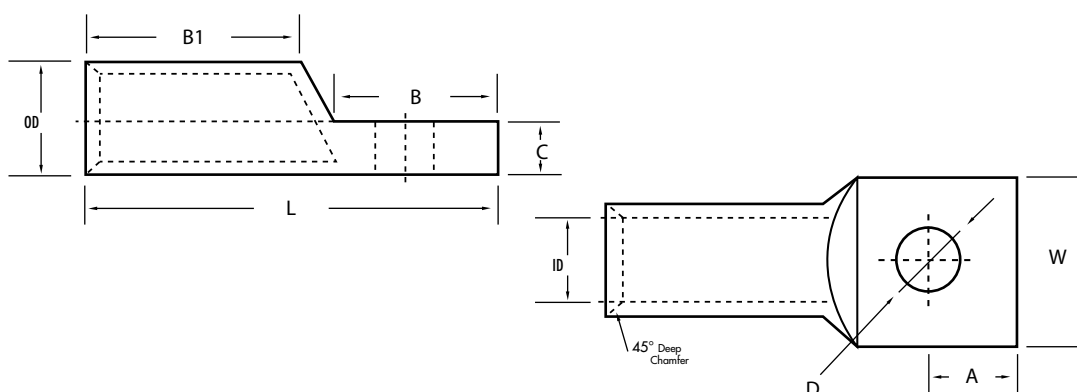
FOR TOOL & DIE CRIMPING INFORMATION, PLEASE SEE TABLE ON PAGE 143



Scan QR to view
Tool & Die Charts



COLOR CODE	BOLT SIZE	I.D.	O.D.	LENGTH (L)	WIDTH (W)	END OF CONN TO CTR. (A)	TANG LENGTH (B)	BARREL LENGTH (B1)	TANG THICKNESS (C)	MTG. HOLE DIA. (D)	STD. CTN. QTY.
Red	# 10	0.173	0.272	1.201	0.421	0.276	0.591	0.441	0.079	0.209	100
Red	1/4	0.173	0.272	1.201	0.421	0.276	0.591	0.441	0.079	0.252	100
Red	5/16	0.173	0.272	1.201	0.421	0.276	0.591	0.441	0.079	0.330	100
Blue	1/4	0.205	0.295	1.496	0.421	0.295	0.669	0.709	0.083	0.252	100
Blue	5/16	0.205	0.295	1.496	0.488	0.295	0.669	0.709	0.067	0.331	100
Blue	3/8	0.205	0.295	1.496	0.488	0.295	0.669	0.709	0.067	0.410	100
Gray	1/4	0.252	0.343	1.496	0.488	0.315	0.669	0.709	0.079	0.252	100
Gray	5/16	0.252	0.343	1.496	0.488	0.315	0.669	0.709	0.079	0.331	100
Gray	3/8	0.252	0.343	1.496	0.559	0.315	0.669	0.709	0.079	0.413	100
White	3/8	0.277	0.372	1.984	0.594	0.375	0.875	0.885	0.086	0.399	50
Brown	1/4	0.315	0.421	1.795	0.602	0.370	0.811	0.827	0.102	0.252	50
Brown	5/16	0.315	0.421	1.795	0.602	0.370	0.811	0.827	0.102	0.331	50
Brown	3/8	0.315	0.421	1.795	0.602	0.370	0.811	0.827	0.102	0.413	50
Green	1/4	0.358	0.469	1.835	0.673	0.370	0.811	0.827	0.106	0.252	50
Green	5/16	0.358	0.469	1.835	0.673	0.370	0.811	0.827	0.106	0.331	50
Green	3/8	0.358	0.469	1.835	0.673	0.394	0.811	0.827	0.106	0.413	50
Pink	5/16	0.390	0.520	1.835	0.744	0.370	0.811	0.827	0.126	0.331	50
Pink	3/8	0.390	0.520	1.835	0.744	0.370	0.811	0.827	0.126	0.413	50
Pink	1/2	0.390	0.520	1.835	0.744	0.370	0.811	0.827	0.126	0.512	50
Black	5/16	0.441	0.563	2.244	0.815	0.472	1.063	0.945	0.118	0.331	25



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TEMPERATURE RATING/VOLTAGE:

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CAT. NO.	WIRE RANGE	EXPANDED WIRE RANGE*
GL2038	2/0 AWG	2/0 - 4 AWG
GL2048	2/0 AWG	2/0 - 4 AWG
GL3038	3/0 AWG	3/0 - 2 AWG
GL3048	3/0 AWG	3/0 - 2 AWG
GL4038	4/0 AWG	4/0 - 1 AWG
GL4048	4/0 AWG	4/0 - 1 AWG
GL25038	250 MCM	250 MCM - 1/0 AWG
GL25048	250 MCM	250 MCM - 1/0 AWG
GL30048	300 MCM	300 MCM - 2/0 AWG
GL35038	350 MCM	350 MCM - 3/0 AWG
GL35048	350 MCM	350 MCM - 3/0 AWG
GL40048	400 MCM	400 MCM - 4/0 AWG
GL50048	500 MCM	500 - 250 MCM
GL50058	500 MCM	500 - 250 MCM
GL60048	600 MCM	600 - 250 MCM
GL60058	600 MCM	600 - 250 MCM
GL75048	750 MCM	750 - 500 MCM
GL75058	750 MCM	750 - 500 MCM
GL10058	1000 MCM	

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Black	3/8	0.441	0.563	2.244	0.815	0.472	1.063	0.945	0.118	0.413	25
Black	1/2	0.441	0.563	2.244	0.815	0.472	1.063	0.945	0.118	0.512	25
Orange	3/8	0.492	0.622	2.362	0.902	0.472	1.063	0.984	0.126	0.413	25
Orange	1/2	0.492	0.622	2.362	0.902	0.472	1.063	0.984	0.126	0.512	25
Purple	3/8	0.547	0.689	2.362	1.000	0.472	1.063	0.984	0.134	0.413	25
Purple	1/2	0.547	0.689	2.362	1.000	0.472	1.063	0.984	0.134	0.512	25
Yellow	3/8	0.594	0.752	2.480	1.091	0.472	1.063	1.063	0.150	0.413	25
Yellow	1/2	0.594	0.752	2.480	1.091	0.472	1.063	1.063	0.150	0.512	25
White	1/2	0.657	0.815	2.480	1.189	0.520	1.063	1.063	0.150	0.512	12
Red	3/8	0.692	0.875	1.625	1.281	0.395	0.875	1.112	0.173	0.391	12
Red	1/2	0.701	0.874	2.606	1.276	0.520	1.063	1.102	0.165	0.512	12
Blue	1/2	0.764	0.949	3.079	1.386	0.520	1.378	1.181	0.177	0.512	6
Brown	1/2	0.835	1.063	3.276	1.539	0.520	1.378	1.378	0.217	0.512	6
Brown	5/8	0.835	1.063	3.276	1.539	0.520	1.378	1.378	0.217	0.669	6
Green	1/2	0.925	1.189	3.504	1.717	0.520	1.457	1.496	0.252	0.512	6
Green	5/8	0.925	1.189	3.504	1.717	0.689	1.457	1.496	0.252	0.669	6
Black	1/2	1.022	1.295	3.866	1.760	0.685	1.550	1.743	0.277	0.541	3
Black	5/8	1.031	1.311	4.370	1.902	0.689	1.850	1.850	0.268	0.669	3
White	5/8	1.158	1.491	4.085	2.151	0.730	1.675	1.789	0.327	0.669	3

