



CLF1

MV Heavy Duty Copper Compression Cable Lug - Flared Entry Long Barrel with 1 Stud Hole - No Inspection Window

These flared entry products have been designed and third party certified to UL 486A-486B and CSA C22.2 No. 65, for high quality and reliable crimping.

Long barrel compression cable lugs enable additional crimps, offering increased electrical and mechanical properties.

Manufactured from high purity, oxygen-free, seamless copper tube (C110/CW009A), these cable lugs are precisely dimensioned to achieve optimal crimping with suitable conductors.

The lugs are annealed to enhance durability, minimising risk of fracture between the palm and barrel. The tin coating ensures corrosion and oxidation resistance, ensuring maximum efficiency of the connection.

No inspection window to prevent moisture ingress for MV and outdoor applications; inspection window can be added as an option - see data sheet CLF1-W.

Standard stud hole sizes are detailed in the dimension table. Custom stud hole dimensions are available on request.

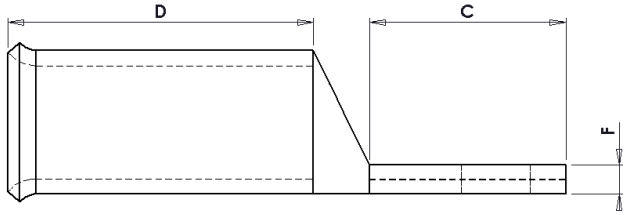
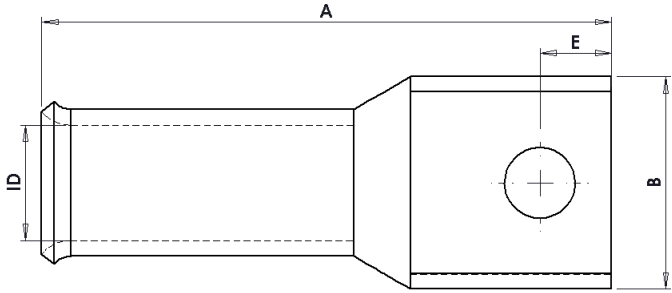
TECHNICAL DATA & CLASSIFICATION	
ETIM Classification Code	EC001051
Barrel Type	Long
Entry Type	Flared
Lug Material	Tin Plated Copper
Number of Stud Holes	1
Palm Angle	Straight
Temperature Rating	Up to 90 Degrees Celsius



FEATURES

- Sizes to suit cables 8 AWG up to 1,000 kcmil
- Third Party Certified to UL 486A-486B and CSA C22.2 No. 65
- Manufactured from high purity (99.9%) copper seamless tube (BS EN 13600)
- Annealed and electrolytically tin plated for reliable crimping, with oxidation and corrosion resistance
- No inspection window to enhance ingress protection for outdoor applications
- Colour coded with enhanced marking on the barrel for simple die selection, inspection and traceability
- CMP crimping die available for optimal crimping
- Flared entry to barrel for ease of conductor insertion; beneficial for fine stranded conductors
- Sold in bags; product must be ordered in bag multiples. See table on following page for bag quantities
- Crimping die index numbers match wire size; refer to CMP compatible die chart for more information





LUG IDENTIFICATION					DIMENSIONS (in)							PACK QTY
Part Number	Cable Size (AWG/MCM/kcmil)	Flex Cable Size (AWG/MCM/kcmil)	Hole Stud Size	Die Index No.	Internal Diameter (ID)	Overall Length (A)	Palm Width (B)	Palm Length (C)	Barrel Length (D)	Stud Hole Distance (E)	Palm Thickness (F)	
8CLF110	8	8	#10	08	0.17	1.52	0.42	0.59	0.81	0.28	0.08	100
8CLF114	8	8	1/4	08	0.17	1.52	0.42	0.59	0.81	0.28	0.08	100
8CLF138	8	8	3/8	08	0.17	1.59	0.57	0.67	0.81	0.31	0.05	100
6CLF110	6	6	#10	06	0.2	1.77	0.42	0.67	0.98	0.3	0.08	100
6CLF114	6	6	1/4	06	0.2	1.77	0.42	0.67	0.98	0.3	0.08	100
6CLF1516	6	6	5/16	06	0.2	1.91	0.51	0.81	0.98	0.37	0.07	100
6CLF138	6	6	3/8	06	0.2	1.91	0.59	0.81	0.98	0.37	0.05	100
4CLF110	4	-	#10	04	0.25	1.77	0.49	0.67	0.98	0.31	0.09	50
4CLF114	4	-	1/4	04	0.25	1.77	0.49	0.67	0.98	0.31	0.09	50
4CLF1516	4	-	5/16	04	0.25	1.77	0.49	0.67	0.98	0.31	0.09	50
4CLF138	4	-	3/8	04	0.25	1.91	0.59	0.81	0.98	0.37	0.07	50
3CLF110	3	4	#10	03	0.28	2.07	0.5	0.81	1.1	0.31	0.09	50
3CLF114	3	4	1/4	03	0.28	2.07	0.5	0.81	1.1	0.31	0.09	50
3CLF1516	3	4	5/16	03	0.28	2.07	0.55	0.81	1.1	0.31	0.09	50
3CLF138	3	4	3/8	03	0.28	2.07	0.59	0.81	1.1	0.31	0.08	50
2CLF110	2	4	#10	02	0.31	2.07	0.6	0.81	1.1	0.37	0.1	50
2CLF114	2	4	1/4	02	0.31	2.07	0.6	0.81	1.1	0.37	0.1	50
2CLF1516	2	4	5/16	02	0.31	2.07	0.6	0.81	1.1	0.37	0.1	50
2CLF138	2	4	3/8	02	0.31	2.07	0.6	0.81	1.1	0.37	0.1	50
1CLF110	1	2	#10	01	0.36	2.11	0.67	0.81	1.1	0.37	0.11	25
1CLF1516	1	2	5/16	01	0.36	2.11	0.67	0.81	1.1	0.37	0.11	25
1CLF138	1	2	3/8	01	0.36	2.21	0.67	0.91	1.1	0.37	0.11	25
10CLF110	1/0	1	#10	10	0.39	2.21	0.74	0.81	1.2	0.37	0.13	25

LUG IDENTIFICATION					DIMENSIONS (in)							PACK QTY
Part Number	Cable Size (AWG/MCM/ kcmil)	Flex Cable Size (AWG/MCM /kcmil)	Hole Stud Size	Die Index No.	Internal Diameter (ID)	Overall Length (A)	Palm Width (B)	Palm Length (C)	Barrel Length (D)	Stud Hole Distance (E)	Palm Thickness (F)	
10CLF114	1/0	1	1/4	10	0.39	2.21	0.74	0.81	1.2	0.37	0.13	25
10CLF1516	1/0	1	5/16	10	0.39	2.21	0.74	0.81	1.2	0.37	0.13	25
10CLF138	1/0	1	3/8	10	0.39	2.21	0.74	0.81	1.2	0.37	0.13	25
10CLF112	1/0	1	1/2	10	0.39	2.5	0.74	1.1	1.2	0.47	0.13	25
20CLF114	2/0	1/0	1/4	20	0.44	2.68	0.81	1.06	1.38	0.47	0.12	15
20CLF138	2/0	1/0	3/8	20	0.44	2.68	0.81	1.06	1.38	0.47	0.12	15
20CLF112	2/0	1/0	1/2	20	0.44	2.68	0.81	1.06	1.38	0.47	0.12	15
30CLF114	3/0	2/0	1/4	30	0.49	2.8	0.9	1.06	1.42	0.47	0.13	15
30CLF138	3/0	2/0	3/8	30	0.49	2.8	0.9	1.06	1.42	0.47	0.13	15
30CLF112	3/0	2/0	1/2	30	0.49	2.8	0.9	1.06	1.42	0.47	0.13	15
40CLF114	4/0	3/0	1/4	40	0.55	2.8	1	1.06	1.42	0.52	0.13	15
40CLF138	4/0	3/0	3/8	40	0.55	2.8	1	1.06	1.42	0.52	0.13	15
40CLF112	4/0	3/0	1/2	40	0.55	2.8	1	1.06	1.42	0.52	0.13	15
250CLF138	250	4/0	3/8	250	0.59	3.03	1.09	1.06	1.59	0.52	0.15	10
250CLF112	250	4/0	1/2	250	0.59	3.03	1.09	1.06	1.59	0.52	0.15	10
300CLF112	300	250 G,H	1/2	300	0.66	3.39	1.19	1.06	1.95	0.52	0.15	10
350CLF112	350	250 G,H,I,K,M 262 DLO	1/2	350	0.7	3.46	1.28	1.06	1.97	0.52	0.17	5
350CLF158	350	250 G,H,I,K,M 262 DLO	5/8	350	0.7	3.46	1.28	1.06	1.97	0.51	0.17	5
400CLF112	400	300 G,H,I,K,M 313 DLO	1/2	400	0.76	3.86	1.39	1.4	1.99	0.51	0.18	5
400CLF158	400	300 G,H,I,K,M 313 DLO	5/8	400	0.76	3.86	1.39	1.4	1.99	0.51	0.18	5
500CLF112	500	350 G,H,I,K,M 373 DLO	1/2	500	0.83	4.13	1.54	1.4	2.26	0.51	0.22	5
500CLF158	500	350 G,H,I,K,M 373 DLO	5/8	500	0.83	4.13	1.54	1.4	2.26	0.51	0.22	5
600CLF158	600	400 G,H,I,K,M 444 DLO	5/8	600	0.93	4.25	1.72	1.5	2.26	0.69	0.25	1
700CLF112	700	500 G,H,I,K,M 535 DLO	1/2	700	0.98	5.16	1.77	1.85	2.64	0.69	0.27	1
700CLF158	700	500 G,H,I,K,M 535 DLO	5/8	700	0.98	5.16	1.77	1.85	2.64	0.69	0.27	1
750CLF112	750	600 G,H,I 646 DLO	1/2	750	1.03	5.16	1.9	1.85	2.64	0.69	0.27	1
750CLF158	750	600 G,H,I 646 DLO	5/8	750	1.03	5.16	1.9	1.85	2.64	0.69	0.27	1
1000CLF112	1000	750 G,H,I 777 DLO	1/2	1000	1.19	5.67	2.18	1.85	3.15	0.69	0.33	1
1000CLF158	1000	750 G,H,I 777 DLO	5/8	1000	1.19	5.67	2.18	1.85	3.15	0.69	0.33	1

