



CLF2-W

MV Heavy Duty Copper Compression Cable Lug - Flared Entry Long Barrel with 2 Stud Holes - 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.

There is a large inspection window to visually inspect conductor insertion; the inspection window can be removed as an option - see data sheet CLF2.

The centres of the two stud holes are detailed in the dimensional table. Custom stud hole dimensions are available on request.

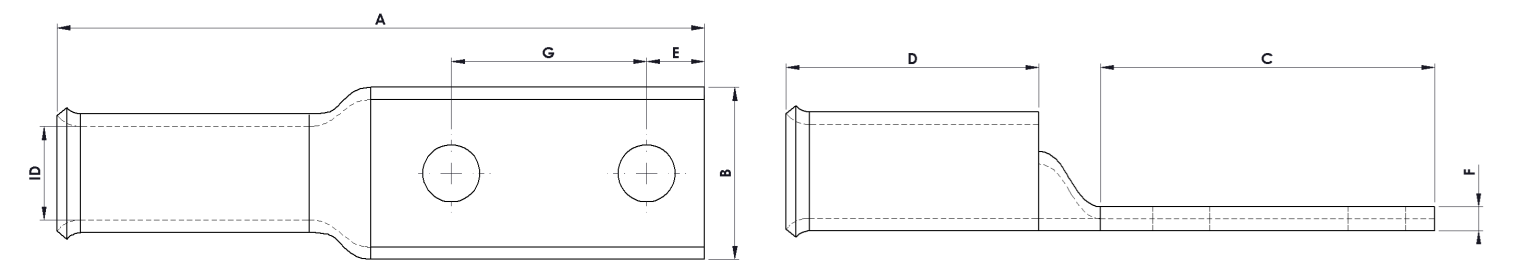
TECHNICAL DATA & CLASSIFICATION	
ETIM Classification Code	EC001051
Barrel Type	Long
Entry Type	Flared
Lug Material	Tin Plated Copper
Number of Stud Holes	2
Palm Angle	Straight
Temperature Rating	Up to 90 Degrees Celsius



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
- 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 use with class 5 & 6 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)	Stud Hole Spacing (G)	
8CLF21058W	8	8	#10	08	0.17	2.19	0.42	1.26	0.81	0.28	0.08	0.63	100
8CLF21458W	8	8	1/4	08	0.17	2.19	0.42	1.26	0.81	0.28	0.08	0.63	100
8CLF21411W	8	8	1/4	08	0.17	2.74	0.42	1.81	0.81	0.38	0.08	1.00	100
8CLF21434W	8	8	1/4	08	0.17	2.3	0.42	1.38	0.81	0.32	0.08	0.75	100
8CLF2516134W	8	8	5/16	08	0.17	3.92	0.55	2.99	0.81	0.62	0.06	1.75	100
8CLF2381W	8	8	3/8	08	0.17	2.74	0.55	1.81	0.81	0.38	0.06	1.00	100
8CLF238134W	8	8	3/8	08	0.17	3.92	0.55	2.99	0.81	0.62	0.06	1.75	100
6CLF21434W	6	6	1/4	06	0.2	2.48	0.42	1.38	0.98	0.28	0.08	0.75	100
6CLF21412W	6	6	1/4	06	0.2	2.24	0.42	1.14	0.98	0.28	0.08	0.50	100
6CLF21458W	6	6	1/4	06	0.2	2.36	0.42	1.26	0.98	0.28	0.08	0.63	100
6CLF23834W	6	6	3/8	06	0.2	2.72	0.55	1.61	0.98	0.32	0.06	0.75	100
6CLF2381W	6	6	3/8	06	0.2	2.91	0.55	1.81	0.98	0.38	0.06	1.00	100
6CLF212134W	6	6	1/2	06	0.2	4.09	0.83	2.99	0.98	0.62	0.08	1.75	100
4CLF21434W	4	-	1/4	04	0.25	2.48	0.49	1.38	0.98	0.28	0.09	0.75	50
4CLF21458W	4	-	1/4	04	0.25	2.36	0.49	1.26	0.98	0.28	0.09	0.63	50
4CLF21411W	4	-	1/4	04	0.25	2.91	0.49	1.81	0.98	0.38	0.09	1.00	50
4CLF25161W	4	-	5/16	04	0.25	2.91	0.55	1.81	0.98	0.38	0.07	1.00	50
4CLF23834W	4	-	3/8	04	0.25	2.91	0.55	1.62	0.98	0.28	0.07	0.75	50
4CLF2381W	4	-	3/8	04	0.25	2.91	0.55	1.81	0.98	0.38	0.07	1.00	50
4CLF212134W	4	-	1/2	04	0.25	4.09	0.87	2.99	0.98	0.62	0.12	1.75	50
3CLF21434W	3	4	1/4	03	0.28	2.64	0.5	1.38	1.1	0.28	0.09	0.75	50
3CLF21458W	3	4	1/4	03	0.28	2.52	0.5	1.26	1.1	0.28	0.09	0.63	50

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3CLF251634W	3	4	5/16	03	0.28	2.87	0.55	1.61	1.1	0.32	0.09	0.75	50
3CLF2381W	3	4	3/8	03	0.28	3.07	0.59	1.81	1.1	0.38	0.08	1.00	50
2CLF21434W	2	4	1/4	02	0.31	2.64	0.6	1.38	1.1	0.28	0.1	0.75	50
2CLF21458W	2	4	1/4	02	0.31	2.52	0.6	1.26	1.1	0.28	0.1	0.63	50
2CLF2141W	2	4	1/4	02	0.31	3.07	0.6	1.81	1.1	0.38	0.1	1.00	50
2CLF251634W	2	4	5/16	02	0.31	2.87	0.6	1.61	1.1	0.32	0.1	0.75	50
2CLF251678W	2	4	5/16	02	0.31	2.87	0.6	1.61	1.1	0.32	0.1	0.87	50
2CLF23834W	2	4	3/8	02	0.31	2.87	0.6	1.61	1.1	0.32	0.1	0.75	50
2CLF2381W	2	4	3/8	02	0.31	3.07	0.6	1.81	1.1	0.38	0.1	1.00	50
2CLF212134W	2	4	1/2	02	0.31	4.25	0.81	2.99	1.1	0.62	0.08	1.75	50
1CLF21458W	1	2	1/4	01	0.36	2.56	0.67	1.26	1.1	0.28	0.11	0.63	25
1CLF21434W	1	2	1/4	01	0.36	2.68	0.67	1.38	1.1	0.28	0.11	0.75	25
1CLF251678W	1	2	5/16	01	0.36	2.91	0.67	1.61	1.1	0.32	0.11	0.87	25
1CLF23878W	1	2	3/8	01	0.36	2.91	0.67	1.61	1.1	0.32	0.11	0.87	25
1CLF2381W	1	2	3/8	01	0.36	3.11	0.67	1.81	1.1	0.38	0.11	1.00	25
1CLF212134W	1	2	1/2	01	0.36	4.29	0.75	2.99	1.1	0.62	0.1	1.75	25
10CLF21458W	1/0	1	1/4	10	0.39	2.66	0.74	1.26	1.2	0.28	0.13	0.63	25
10CLF251678W	1/0	1	5/16	10	0.39	3.01	0.74	1.61	1.2	0.32	0.13	0.87	25
10CLF23834W	1/0	1	3/8	10	0.39	3.01	0.74	1.61	1.2	0.32	0.13	0.75	25
10CLF23878W	1/0	1	3/8	10	0.39	3.01	0.74	1.81	1.2	0.38	0.13	0.87	25
10CLF2381W	1/0	1	3/8	10	0.39	3.21	0.74	1.81	1.2	0.38	0.13	0.87	25
10CLF238134W	1/0	1	3/8	10	0.39	4.39	0.74	2.99	1.2	0.62	0.13	1.75	25
10CLF212134W	1/0	1	1/2	10	0.39	4.39	0.74	2.99	1.2	0.62	0.13	1.75	25
20CLF21434W	2/0	1/0	1/4	20	0.44	2.99	0.81	1.38	1.38	0.28	0.12	0.75	25
20CLF21458W	2/0	1/0	1/4	20	0.44	2.87	0.81	1.26	1.38	0.28	0.12	0.63	25
20CLF2141W	2/0	1/0	1/4	20	0.44	3.43	0.81	1.81	1.38	0.38	0.12	1.00	25
20CLF2381W	2/0	1/0	3/8	20	0.44	3.43	0.81	1.81	1.38	0.38	0.12	1.00	25
20CLF238134W	2/0	1/0	3/8	20	0.44	4.61	0.81	2.99	1.38	0.62	0.12	1.75	25
20CLF212134W	2/0	1/0	1/2	20	0.44	4.61	0.81	2.99	1.38	0.62	0.12	1.75	25
30CLF21434W	3/0	2/0	1/4	30	0.49	3.07	0.9	1.38	1.38	0.28	0.13	0.75	15



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30CLF21458W	3/0	2/0	1/4	30	0.49	2.95	0.9	1.26	1.38	0.28	0.13	0.63	15
30CLF25161W	3/0	2/0	5/16	30	0.49	3.5	0.9	1.81	1.38	0.32	0.13	1.00	15
30CLF2381W	3/0	2/0	3/8	30	0.49	3.5	0.9	1.81	1.38	0.38	0.13	1.00	15
30CLF238134W	3/0	2/0	3/8	30	0.49	4.69	0.9	2.99	1.38	0.62	0.13	1.75	15
30CLF212134W	3/0	2/0	1/2	30	0.49	4.69	0.9	2.99	1.38	0.62	0.13	1.75	15
40CLF21434W	4/0	3/0	1/2	40	0.55	3.11	1	1.38	1.42	0.28	0.13	0.75	15
40CLF214134W	4/0	3/0	1/4	40	0.55	4.72	1	2.99	1.42	0.28	0.13	1.75	15
40CLF23858W	4/0	3/0	3/8	40	0.55	2.99	1	1.26	1.42	0.38	0.13	0.63	15
40CLF2381W	4/0	3/0	3/8	40	0.55	3.54	1	1.81	1.42	0.38	0.13	1.00	15
40CLF212134W	4/0	3/0	1/2	40	0.55	4.72	1	2.99	1.42	0.62	0.13	1.75	15
250CLF2381W	250	4/0	3/8	250	0.59	3.78	1.09	1.81	1.61	0.38	0.15	1.00	10
250CLF212134W	250	4/0	1/2	250	0.59	4.96	1.09	2.99	1.61	0.62	0.15	1.75	10
300CLF2381W	300	250 G,H	3/8	300	0.66	4.13	1.19	1.81	1.97	0.38	0.15	1.00	10
300CLF212134W	300	250 G,H	1/2	300	0.66	5.31	1.19	2.99	1.97	0.62	0.15	1.75	10
350CLF2381W	350	250 G,H,I,K,M 262 DLO	3/8	350	0.7	4.21	1.28	1.81	1.97	0.38	0.17	1.00	5
350CLF212134W	350	250 G,H,I,K,M 262 DLO	1/2	350	0.7	5.39	1.28	2.99	1.97	0.62	0.17	1.75	5
400CLF2381W	400	300 G,H,I,K,M 313 DLO	3/8	400	0.76	4.29	1.39	1.81	1.97	0.38	0.18	1.00	5
400CLF212134W	400	300 G,H,I,K,M 313 DLO	1/2	400	0.76	5.47	1.39	2.99	1.97	0.62	0.18	1.75	5
500CLF2381W	500	350 G,H,I,K,M 373 DLO	3/8	500	0.83	4.57	1.54	1.81	2.24	0.38	0.22	1.00	5
500CLF212134W	500	350 G,H,I,K,M 373 DLO	1/2	500	0.83	5.75	1.54	2.99	2.24	0.62	0.22	1.75	5
600CLF2381W	600	400 G,H,I,K,M 444 DLO	3/8	600	0.93	4.61	1.72	1.81	2.24	0.38	0.25	1.00	1
600CLF212134W	600	400 G,H,I,K,M 444 DLO	1/2	600	0.93	5.79	1.72	2.99	2.24	0.62	0.25	1.75	1
700CLF212134W	700	500 G,H,I,K,M 535 DLO	1/2	700	0.98	6.3	1.77	2.99	2.64	0.62	0.27	1.75	1
700CLF258134W	700	500 G,H,I,K,M 535 DLO	5/8	700	0.98	6.3	1.77	2.99	2.64	0.62	0.27	1.75	1
750CLF2381W	750	600 G,H,I 646 DLO	3/8	750	1.03	5.12	1.9	1.81	2.64	0.38	0.27	1.00	1
750CLF212134W	750	600 G,H,I 646 DLO	1/2	750	1.03	6.3	1.9	2.99	2.64	0.62	0.27	1.75	1
1000CLF212134W	1000	750 G,H,I 777 DLO	1/2	1000	1.19	6.81	2.18	2.99	3.15	0.62	0.33	1.75	1
1000CLF258134W	1000	750 G,H,I 777 DLO	5/8	1000	1.19	6.81	2.18	2.99	3.15	0.62	0.33	1.75	1

