



CNF1-N

Heavy Duty Copper Compression Cable Lug - Flared Entry Standard Barrel with 1 Stud Hole - Narrow Palm - 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.

Narrow palm cable lugs have a contained palm width to ensure a connection can be made in space constrained installations.

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.

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

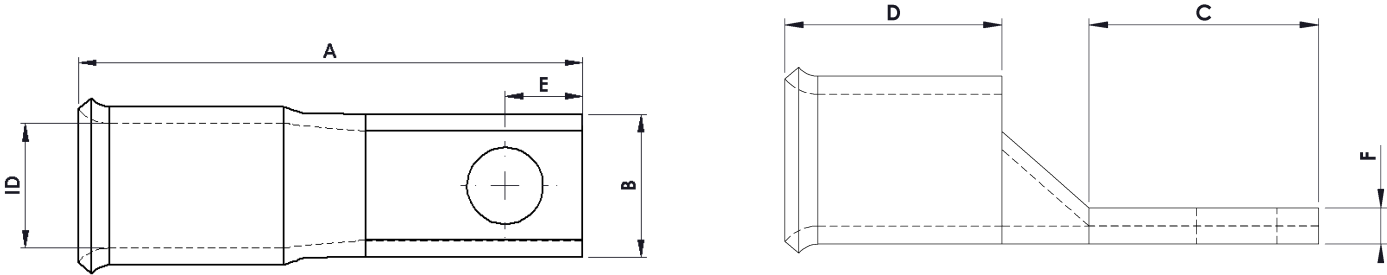
TECHNICAL DATA & CLASSIFICATION	
ETIM Classification Code	EC001051
Barrel Type	Standard
Entry Type	Flared
Lug Material	Tin Plated Copper
Number of Stud Holes	1
Palm Angle	Straight
Temperature Rating	Up to 90 Degrees Celsius



FEATURES

- Sizes to suit cables 8 AWG up to 1,000 kcmil
- Narrow palm width for space constrained connections
- 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 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)	
8CNF110N	8	8	#10	08	0.17	1.2	0.29	0.59	0.49	0.28	0.09	100
6CNF110N	6	6	#10	06	0.2	1.5	0.29	0.67	0.71	0.3	0.09	100
4CNF110N	4	-	#10	04	0.25	1.5	0.4	0.67	0.71	0.31	0.09	100
4CNF114N	4	-	1/4	04	0.25	1.5	0.4	0.67	0.71	0.31	0.09	100
3CNF114N	3	4	1/4	03	0.28	1.8	0.41	0.81	0.83	0.31	0.08	100
3CNF1516N	3	4	5/16	03	0.28	1.8	0.49	0.81	0.83	0.31	0.08	100
2CNF114N	2	4	1/4	02	0.31	1.8	0.48	0.81	0.83	0.37	0.11	50
2CNF1516N	2	4	5/16	02	0.31	1.8	0.49	0.81	0.83	0.37	0.11	50
1CNF114N	1	2	1/4	01	0.36	1.83	0.5	0.81	0.83	0.37	0.1	50
1CNF1516N	1	2	5/16	01	0.36	1.83	0.5	0.81	0.83	0.37	0.1	50
10CNF114N	1/0	1	1/4	10	0.39	1.83	0.48	0.81	0.83	0.37	0.12	25
10CNF1516N	1/0	1	5/16	10	0.39	1.83	0.62	0.81	0.83	0.37	0.12	25
10CNF138N	1/0	1	3/8	10	0.39	1.83	0.62	0.81	0.83	0.37	0.12	25
20CNF114N	2/0	1/0	1/4	20	0.44	2.24	0.62	1.06	0.94	0.47	0.12	25
20CNF1516N	2/0	1/0	5/16	20	0.44	2.24	0.62	1.06	0.94	0.47	0.13	25
20CNF138N	2/0	1/0	3/8	20	0.44	2.24	0.62	1.06	0.94	0.47	0.12	25
30CNF114N	3/0	2/0	1/4	30	0.49	2.36	0.76	1.06	0.98	0.47	0.12	25
30CNF1516N	3/0	2/0	5/16	30	0.49	2.36	0.76	1.06	0.98	0.47	0.13	25
30CNF138N	3/0	2/0	3/8	30	0.49	2.36	0.76	1.06	0.98	0.47	0.12	25
40CNF114N	4/0	3/0	1/4	40	0.55	2.36	0.76	1.06	0.98	0.47	0.14	25
40CNF1516N	4/0	3/0	5/16	40	0.55	2.36	0.76	1.06	0.98	0.47	0.14	25
40CNF138N	4/0	3/0	3/8	40	0.55	2.36	0.76	1.06	0.98	0.47	0.14	25
250CNF138N	250	4/0	3/8	250	0.59	2.48	0.76	1.06	1.06	0.47	0.16	15
300CNF112N	300	250 G,H	1/2	300	0.66	2.48	0.96	1.06	1.06	0.52	0.16	15
350CNF112N	350	250 G,H,I,K,M 262 DLO	1/2	350	0.7	2.6	0.96	1.06	1.1	0.52	0.18	15
400CNF112N	400	300 G,H,I,K,M 313 DLO	1/2	400	0.76	3.11	0.96	1.46	1.18	0.52	0.19	10
500CNF112N	500	350 G,H,I,K,M 373 DLO	1/2	500	0.83	3.27	0.96	1.38	1.38	0.52	0.23	5
600CNF112N	600	400 G,H,I,K,M 444 DLO	1/2	600	0.93	3.5	1.12	1.46	1.5	0.52	0.27	5
750CNF112N	750	600 G,H,I 646 DLO	1/2	750	1.03	4.37	1.3	1.85	1.85	0.69	0.27	1
750CNF158N	750	600 G,H,I 646 DLO	5/8	750	1.03	4.37	1.12	1.85	1.85	0.69	0.27	1
1000CNF112N	1000	750 G,H,I 777 DLO	1/2	1000	1.19	4.43	1.3	1.85	1.91	0.69	0.33	1
1000CNF158N	1000	750 G,H,I 777 DLO	5/8	1000	1.19	4.43	1.12	1.85	1.91	0.69	0.33	1