

CNP1

Heavy Duty Copper Compression Cable Lug - Parallel Entry Standard Barrel with 1 Stud Hole - Inspection Window

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

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.

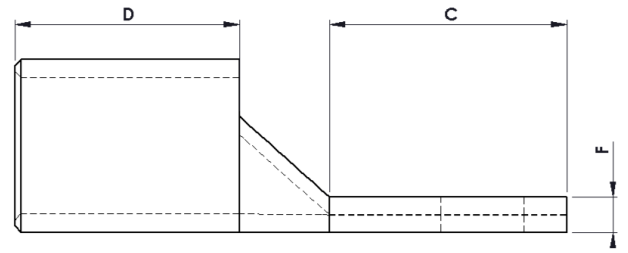
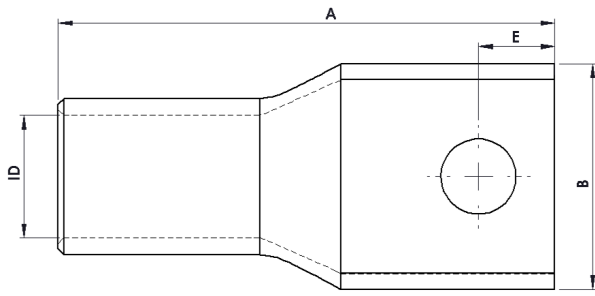
TECHNICAL DATA & CLASSIFICATION	
ETIM Classification Code	EC001051
Barrel Type	Standard
Entry Type	Parallel
Lug Material	Tin Plated Copper
Number of Stud Holes	1
Palm Angle	Straight
Temperature Rating	Up to 90 Degrees Celsius



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
- Colour coded with enhanced marking on the barrel for simple die selection, inspection and traceability
- CMP crimping die available for optimal crimping
- Bevelled entry to aid conductor insertion
- 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)	
8CNP110	8	8	#10	08	0.17	1.2	0.42	0.59	0.49	0.28	0.08	100
8CNP114	8	8	1/4	08	0.17	1.2	0.42	0.59	0.49	0.28	0.08	100
8CNP1516	8	8	5/16	08	0.17	1.24	0.49	0.63	0.49	0.31	0.06	100
8CNP138	8	8	3/8	08	0.17	1.28	0.56	0.67	0.49	0.28	0.05	100
6CNP110	6	6	#10	06	0.2	1.5	0.42	0.67	0.71	0.3	0.08	100
6CNP114	6	6	1/4	06	0.2	1.5	0.42	0.67	0.71	0.3	0.08	100
6CNP1516	6	6	5/16	06	0.2	1.5	0.49	0.67	0.71	0.3	0.07	100
6CNP138	6	6	3/8	06	0.2	1.5	0.57	0.67	0.71	0.3	0.05	100
4CNP110	4	-	#10	04	0.25	1.5	0.49	0.67	0.71	0.31	0.08	100
4CNP114	4	-	1/4	04	0.25	1.5	0.49	0.67	0.71	0.31	0.08	100
4CNP1516	4	-	5/16	04	0.25	1.5	0.49	0.67	0.71	0.31	0.08	100
4CNP138	4	-	3/8	04	0.25	1.5	0.56	0.67	0.71	0.31	0.07	100
4CNP112	4	-	1/2	04	0.25	1.5	0.67	0.67	0.71	0.31	0.05	100
3CNP114	3	4	1/4	03	0.28	1.8	0.5	0.81	0.83	0.31	0.09	100
3CNP1516	3	4	5/16	03	0.28	1.8	0.5	0.81	0.83	0.31	0.09	100
3CNP138	3	4	3/8	03	0.28	1.8	0.59	0.81	0.83	0.31	0.08	100
3CNP112	3	4	1/2	03	0.28	1.8	0.71	0.81	0.83	0.31	0.07	100
2CNP114	2	4	1/4	02	0.31	1.8	0.6	0.81	0.83	0.37	0.1	50
2CNP1516	2	4	5/16	02	0.31	1.8	0.6	0.81	0.83	0.37	0.1	50
2CNP138	2	4	3/8	02	0.31	1.8	0.6	0.81	0.83	0.37	0.1	50
2CNP112	2	4	1/2	02	0.31	1.8	0.6	0.81	0.83	0.37	0.08	50
1CNP114	1	2	1/4	01	0.36	1.83	0.71	0.81	0.83	0.37	0.09	50
1CNP1516	1	2	5/16	01	0.36	1.83	0.67	0.81	0.83	0.37	0.11	50
1CNP138	1	2	3/8	01	0.36	1.83	0.67	0.81	0.83	0.39	0.11	50
1CNP112	1	2	1/2	01	0.36	1.83	0.67	0.81	0.83	0.39	0.1	50
10CNP114	1/0	1	1/4	10	0.39	1.83	0.74	0.81	0.83	0.37	0.13	25

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10CNP1516	1/0	1	5/16	10	0.39	1.83	0.74	0.81	0.83	0.37	0.13	25
10CNP138	1/0	1	3/8	10	0.39	1.83	0.74	0.81	0.83	0.37	0.13	25
10CNP112	1/0	1	1/2	10	0.39	1.83	0.74	0.81	0.83	0.37	0.13	25
20CNP114	2/0	1/0	1/4	20	0.44	2.24	0.81	1.06	0.94	0.47	0.12	25
20CNP1516	2/0	1/0	5/16	20	0.44	2.24	0.81	1.06	0.94	0.47	0.12	25
20CNP138	2/0	1/0	3/8	20	0.44	2.24	0.81	1.06	0.94	0.47	0.12	25
20CNP112	2/0	1/0	1/2	20	0.44	2.24	0.81	1.06	0.94	0.47	0.12	25
30CNP114	3/0	2/0	1/4	30	0.49	2.36	0.9	1.06	0.98	0.47	0.13	25
30CNP1516	3/0	2/0	5/16	30	0.49	2.36	0.9	1.06	0.98	0.47	0.13	25
30CNP138	3/0	2/0	3/8	30	0.49	2.36	0.9	1.06	0.98	0.47	0.13	25
30CNP112	3/0	2/0	1/2	30	0.49	2.36	0.9	1.06	0.98	0.47	0.13	25
40CNP114	4/0	3/0	1/4	40	0.55	2.36	1	1.06	0.98	0.47	0.13	25
40CNP1516	4/0	3/0	5/16	40	0.55	2.36	1	1.06	0.98	0.47	0.13	25
40CNP138	4/0	3/0	3/8	40	0.55	2.36	1	1.06	0.98	0.47	0.13	25
40CNP112	4/0	3/0	1/2	40	0.55	2.36	1	1.06	0.98	0.47	0.13	25
250CNP138	250	4/0	3/8	250	0.59	2.48	1.09	1.06	1.06	0.47	0.15	15
250CNP112	250	4/0	1/2	250	0.59	2.48	1.09	1.06	1.06	0.47	0.15	15
300CNP112	300	250 G,H	1/2	300	0.66	2.48	1.19	1.06	1.06	0.52	0.15	15
300CNP158	300	250 G,H	5/8	300	0.66	2.8	1.19	1.38	1.06	0.52	0.15	15
350CNP138	350	250 G,H,I,K,M 262 DLO	3/8	350	0.7	2.6	1.28	1.06	1.1	0.52	0.17	15
350CNP112	350	250 G,H,I,K,M 262 DLO	1/2	350	0.7	2.6	1.28	1.06	1.1	0.52	0.17	15
350CNP158	350	250 G,H,I,K,M 262 DLO	5/8	350	0.7	2.91	1.28	1.38	1.1	0.52	0.17	15
400CNP112	400	300 G,H,I,K,M 313 DLO	1/2	400	0.76	3.11	1.39	1.46	1.18	0.52	0.18	10
400CNP158	400	300 G,H,I,K,M 313 DLO	5/8	400	0.76	3.11	1.39	1.46	1.18	0.52	0.18	10
500CNP112	500	350 G,H,I,K,M 373 DLO	1/2	500	0.83	3.27	1.54	1.38	1.38	0.52	0.22	5
500CNP158	500	350 G,H,I,K,M 373 DLO	5/8	500	0.83	3.27	1.54	1.38	1.38	0.52	0.22	5
600CNP112	600	400 G,H,I,K,M 444 DLO	1/2	600	0.93	3.5	1.72	1.46	1.5	0.52	0.25	5
600CNP158	600	400 G,H,I,K,M 444 DLO	5/8	600	0.93	3.5	1.72	1.46	1.5	0.69	0.25	5
700CNP112	700	500 G,H,I,K,M 535 DLO	1/2	700	0.98	4.37	1.78	1.85	1.85	0.69	0.27	1
700CNP158	700	500 G,H,I,K,M 535 DLO	5/8	700	0.98	4.37	1.78	1.85	1.85	0.69	0.27	1
750CNP112	750	600 G,H,I 646 DLO	1/2	750	1.03	4.37	1.9	1.85	1.85	0.69	0.27	1
750CNP158	750	600 G,H,I 646 DLO	5/8	750	1.03	4.37	1.9	1.85	1.85	0.69	0.27	1
1000CNP112	1000	750 G,H,I 777 DLO	1/2	1000	1.19	4.43	2.18	1.85	1.91	0.69	0.33	1
1000CNP158	1000	750 G,H,I 777 DLO	5/8	1000	1.19	4.43	2.18	1.85	1.91	0.69	0.33	1

