

COLOR CODED COPPER CRIMPING LUGS - CL SERIES
one hole long barrel for copper conductors



Description:

- CL series cable lugs are manufactured from electrolytic copper tube, for use in heavy duty applications, with enough section to guarantee both, good electrical connection and sufficient traction resistance.
- Manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN I 3600:2003
- Annealed and electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- The annealing process optimizes the structural features of the material allows an easier crimping and guarantees the use of the connector even with mechanical sollicitations of various nature.
- The barrel entrance is chamfered for an easy and correct introduction of the conductor; the long barrel provides better mechanical pull-out strenght; the colored strips on the barrel make easier the precise positioning of crimps and, at the same time, give the correct die index for the dies.

Each connector is marked as follows:

- trade mark and Cembre catalogue number.
- section and nature of the conductor (AWG).
- die index for Cembre tools.
- color code.

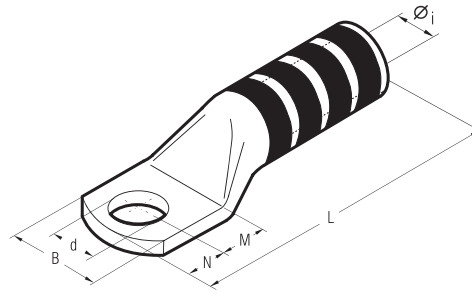
Markings:

 **us - UL listed for US and Canada per UL486A-486B (file E125401).**

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Sections and Dimensions:


Conductor AWG	Ø Stud in.	Ref.	Dimensions in.						Color Code	Quantity Box
			Øi	B	M	N	L	d		
8	23	# 10 CL8-10	0.18	0.39	0.25	0.23	1.47	0.20	RED	400/50
		1/4 CL8-14	0.18	0.43	0.27	0.23	1.49	0.25		400/50
		3/8 CL8-38	0.18	0.70	0.43	0.39	1.81	0.41		400/50
6		# 10 CL6-10	0.22	0.45	0.25	0.23	1.57	0.20	BLUE	400/50
		1/4 CL6-14	0.22	0.45	0.27	0.23	1.59	0.25		400/50
		1/2 CL6-12	0.22	0.78	0.55	0.47	2.10	0.51		400/50
4	40	# 10 CL4-10	0.24	0.49	0.25	0.23	1.85	0.20	GRAY	400/50
		1/4 CL4-14	0.24	0.49	0.27	0.23	1.87	0.25		400/50
		3/8 CL4-38	0.24	0.70	0.43	0.39	2.18	0.41		400/50
3	50	1/2 CL4-12	0.24	0.78	0.55	0.47	2.38	0.51	WHITE	400/50
		1/4 CL3-14	0.27	0.55	0.27	0.23	1.87	0.25		200/100
		5/16 CL3-516	0.27	0.59	0.35	0.31	2.02	0.33		200/100
		3/8 CL3-38	0.27	0.70	0.43	0.39	2.18	0.41		200/100
2	60	1/2 CL3-12	0.27	0.82	0.55	0.47	2.38	0.51	BROWN	200/100
		# 10 CL2-10	0.29	0.66	0.25	0.23	1.81	0.20		200/50
		1/4 CL2-14	0.29	0.66	0.27	0.23	1.83	0.25		200/50
		5/16 CL2-516	0.29	0.66	0.35	0.31	1.98	0.33		200/50
1	75	1/2 CL2-12	0.29	0.82	0.55	0.47	2.34	0.51	GREEN	200/50
		# 10 CL1-10	0.35	0.66	0.25	0.23	1.88	0.20		200/50
		5/16 CL1-516	0.35	0.66	0.35	0.31	2.06	0.33		200/50
1/0	100	1/2 CL1-12	0.35	0.82	0.55	0.47	2.42	0.51	PINK	200/50
		# 10 CL1/0-10	0.39	0.74	0.31	0.27	2.10	0.20		100/50
		5/16 CL1/0-516	0.39	0.74	0.35	0.31	2.18	0.33		100/50
		3/8 CL1/0-38	0.39	0.78	0.43	0.39	2.34	0.41		100/50
2/0	125	1/2 CL1/0-12	0.39	0.82	0.55	0.47	2.53	0.51	BLACK	100/50
		3/8 CL2/0-38	0.44	0.82	0.43	0.39	2.65	0.41		100/50
3/0	150	1/2 CL2/0-12	0.44	0.86	0.55	0.47	2.85	0.51	ORANGE	100/50
4/0	200	1/2 CL3/0-12	0.48	0.94	0.55	0.47	2.81	0.51	PURPLE	100/50
		3/8 CL4/0-38	0.53	0.98	0.43	0.39	2.89	0.41		60/30
250 MCM	250	1/2 CL4/0-12	0.53	0.98	0.55	0.47	3.09	0.51	YELLOW	60/30
300 MCM	300	1/2 CL250-12	0.59	1.12	0.55	0.47	3.30	0.51	WHITE	50/25
350 MCM	350	1/2 CL300-12	0.65	1.24	0.62	0.55	3.85	0.51	WHITE	30/15
400 MCM	400	1/2 CL350-12	0.69	1.29	0.62	0.55	3.85	0.51	RED	30/15
		5/8 CL400-12	0.75	1.39	0.62	0.55	4.21	0.51		BLUE
500 MCM		5/8 CL400-58	0.75	1.39	0.74	0.66	4.44	0.66	BROWN	20/10
		1/2 CL500-12	0.83	1.53	0.62	0.55	4.25	0.51		20/10
600 MCM		5/8 CL500-58	0.83	1.53	0.74	0.66	4.48	0.66	BROWN	20/10
		1/2 CL600-12	0.93	1.73	0.78	0.55	5.05	0.51		GREEN
750 MCM		5/8 CL600-58	0.93	1.73	0.86	0.74	5.33	0.66	GREEN	10/5
		1/2 CL750-12	1.02	1.88	0.86	0.74	5.53	0.51		BLACK
750 MCM		5/8 CL750-58	1.02	1.88	0.86	0.74	5.53	0.66	BLACK	10/5

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Die Selector Chart:

APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS						B 150A			ECW-H3D			RHU 520									
	Conductor Size AWG	AWG	TERMINAL	SPLICE	B 15Y		B35-50A		HT 51 RH 50 B 51LA B 51A B 51C		B131LN-CA and similar tools for U dies		NEST		INDENTOR		DIE SET		NEST		INDENTOR		DIE SET			
CL...	8	23	C8..	ESQ.8	ME2/2-15 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2C (1)															
	6		C6..	ESQ.6	ME2/3-15 (1) MAC3/2-15 (1)	MY 3-50 (1)	MY 3-50 (1)	MY 3-50 (1)	MY 3-50 (1)	MY 3-50 (1)	MY 3C (1)															
CL...	4	40	C4..	ESQ.4		MY 4-50 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4C (1)																
	3	50	C3..	ESQ.3		MY 5-50 (1)	MY 5-50 (1)	MY 5-50 (1)	MY 5-50 (1)	MY 5C (1)																
CL...	2	60	C2..	ESQ.2		MY 6-50 (1)	MY 6-50 (1)	MY 6-50 (1)	MY 6-50 (1)	MY 6C (1)																
	1	75	C1..	ESQ.1		MY 7-50 (1)	MY 7-50 (1)	MY 7-50 (1)	MY 7-50 (1)	MY 7C (1)																
CL...	1/0	100	C1/0..	ESQ.1/0		MY 10-50 (2)	MY 10-50 (2)	MY 10-50 (2)	MY 10-50 (2)	MY 10C (1)																
	2/0	125	C2/0..	ESQ.2/0		MY 14-50 (2)	MY 14-50 (2)	MY 14-50 (2)	MY 14-50 (2)	MY 14C (1)																
CL...	3/0	150	C3/0..	ESQ.3/0		MY 16-50 (2)	MY 16-50 (2)	MY 16-50 (2)	MY 16-50 (2)	MY 16C (1)																
	4/0	200	C4/0..	ESQ.4/0		MY 19-50 (2)	MY 19-50 (2)	MY 19-50 (2)	MY 19-50 (2)	MY 19C (1)																
BSL...	250 MCM		C250..	ESQ.250		MY 24-50 (2)	MY 24-50 (2)	MY 24-50 (2)	MY 24-50 (2)	MY 24C (1)																
	300 MCM		C300..	ESQ.300		MY 30-50 (2)	MY 30-50 (2)	MY 30-50 (2)	MY 30-50 (2)	MY 30C (1)																
BSL...	350 MCM		C350..	ESQ.350																						
	400 MCM		C400..	ESQ.400																						
BSL...	500 MCM		C500..	ESQ.500																						
	600 MCM		C600..	ESQ.600																						
BSL...	750 MCM		C750..	ESQ.750																						

M.B.: Number inside symbol indicates the number of crimps for C-start barrel lugs only

○ = Circular crimp ◡ = Hexagonal crimp ◓ = Indent crimp

COPPER CONDUCTORS

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