

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 13600:2013
- 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 solicitations 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 strength; 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).**

Cembre SpA

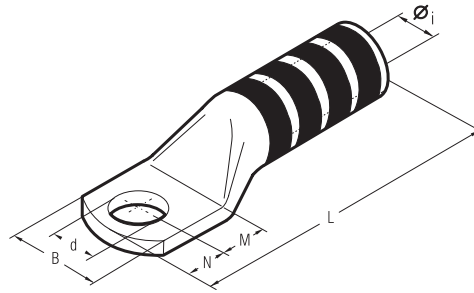
Via Serenissima, 9 - 25135 Brescia (Italy)

Tel.: +39 030 36921 - Fax: +39 030 3365766

Web: www.cembre.com - Email: info@cembre.com

COLOR CODED COPPER CRIMPING LUGS - CL SERIES

one hole long barrel for copper conductors

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
500 MCM		5/8 CL400-12	0.75	1.39	0.62	0.55	4.21	0.51	BLUE	20/10
600 MCM	500	5/8 CL400-58	0.75	1.39	0.74	0.66	4.44	0.66	BLUE	20/10
750 MCM		1/2 CL500-12	0.83	1.53	0.62	0.55	4.25	0.51	BROWN	20/10
600 MCM	600	5/8 CL500-58	0.83	1.53	0.74	0.66	4.48	0.66	BROWN	20/10
750 MCM		1/2 CL600-12	0.93	1.73	0.78	0.55	5.05	0.51	GREEN	10/5
750 MCM	750	5/8 CL600-58	0.93	1.73	0.86	0.74	5.33	0.66	GREEN	10/5
750 MCM		1/2 CL750-12	1.02	1.88	0.86	0.74	5.53	0.51	BLACK	10/5
750 MCM	750	5/8 CL750-58	1.02	1.88	0.86	0.74	5.53	0.66	BLACK	10/5

Cembre SpA

Via Serenissima, 9 - 25135 Brescia (Italy)

Tel.: +39 030 36921 - Fax: +39 030 3365766

Web: www.cembre.com - Email: info@cembre.com

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

Die Selector Chart:

DIE SELECTOR CHART

HYDRAULIC TOOLS

APPLICATION	CONDUCTOR	CONNECTOR		B 15Y		B35-50A		HT 51 RH 50 B 51LA B 51A B 51C		B131LN-CA and similar tools for U dies		B 150A		ECW-H3D		RHU 520		
		Conductor Size AWG / Mmm	TERMINAL	SPLICE	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST
CL...	8	C8..	ESQ.3	ME2/2-15 (1)			MY 2-50 (1)											
	6	C6..	ESQ.6	ME2/3-15 (1)			MY 3-50 (1)											
CL...	4	C4..	ESQ.4	MAC3/2-15 (1)			MY 4-50 (1)											
	3	C3..	ESQ.3	MAC3/3-15 (1)			MY 5-50 (1)											
CL...	2	C2..	ESQ.2				MY 6-50 (1)											
	1	C1..	ESQ.1				MY 7-50 (1)											
CL...	1/0	C1/O..	ESQ.1/O				MY 10-50 (2)											
	2/0	C2/O..	ESQ.2/O				MY 14-50 (2)											
CL...	3/0	C3/O..	ESQ.3/O				MY 16-50 (2)											
	4/0	C4/O..	ESQ.4/O				MY 19-50 (2)											
BSL...	250 MCM	C250..	ESQ.250				MY 24-50 (2)											
	300 MCM	C300..	ESQ.300				MY 30-50 (2)											
BSL...	350 MCM	C350..	ESQ.350				MY 36-50 (2)											
	400 MCM	C400..	ESQ.400				MY 37-50 (2)											
BSL...	500 MCM	C500..	ESQ.500				MY 48-50 (3)											
	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

Cembre SpA
Via Serenissima, 9 - 25135 Brescia (Italy)
Tel.: +39 030 36921 - Fax: +39 030 3365766
Web: www.cembre.com - Email: info@cembre.com