

**COLOR CODED COPPER CRIMPING LUGS – CL-D SERIES**  
**two holes long barrel for copper conductors**



**Description:**

- CL-D 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 13600:2003
- 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 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).**

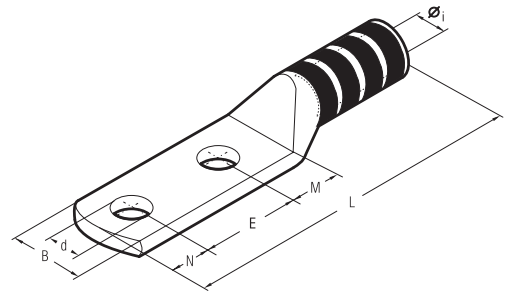
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**Sections and Dimensions:**

Cond. Size sqmm	Conductor AWG		Ø Stud mm	Ref.	Dimensions mm							Colour Code	Box/Bag
	Size	Navy			Ø	B	M	E	N	L	d		
10	8	23	6	CL8-D14	4,6	11,0	7,0	16,0	6,0	53,0	6,4	RED	400/50
			6	CL8-D141	4,6	11,0	7,0	19,0	6,0	56,0	6,4		400/50
			10	CL8-D38	4,6	18,0	11,0	25,5	10,0	70,5	10,5		400/50
16	6		6	CL6-D14	5,8	11,5	7,0	16,0	6,0	54,5	6,4	BLUE	400/50
			6	CL6-D141	5,8	11,5	7,0	19,0	6,0	57,5	6,4		400/50
			10	CL6-D38	5,8	18,0	11,0	25,5	10,0	72,0	10,5		400/50
			12	CL6-DN	5,8	20,0	14,0	44,5	12,0	96,0	13,2		400/50
25	4	40	6	CL4-D14	6,2	12,5	7,0	16,0	6,0	62,0	6,4	GREY	200/50
			6	CL4-D141	6,2	12,5	7,0	19,0	6,0	65,0	6,4		200/50
			10	CL4-D38	6,2	18,0	11,0	25,5	10,0	79,5	10,5		200/50
	3	50	10	CL3-D38	7,0	18,0	11,0	25,5	10,0	79,5	10,5	WHITE	200/50
			12	CL3-DN	7,0	21,0	14,0	44,5	12,0	103,5	13,2		200/50
			6	CL2-D14	7,6	17,0	7,0	16,0	6,0	61,0	6,4		BROWN
6	CL2-D141	7,6	17,0	7,0	19,0	6,0	64,0	6,4	200/50				
10	CL2-D38	7,6	19,0	11,0	25,5	10,0	78,5	10,5	100/50				
10	CL2-DN38	7,6	19,0	11,0	44,5	10,0	97,5	10,5	100/50				
	1	75	12	CL2-DN	7,6	21,0	14,0	44,5	12,0	102,5	13,2	100/50	
			6	CL1-D14	8,9	17,0	7,0	16,0	6,0	63,0	6,4	GREEN	200/50
			6	CL1-D141	8,9	17,0	7,0	19,0	6,0	66,0	6,4		200/50
			10	CL1-D38	8,9	19,0	11,0	25,5	10,0	80,5	10,5		100/25
12	CL1-DN	8,9	21,0	14,0	44,5	12,0	104,5	13,2	100/25				
50	1/0	100	6	CL1-O-D14	10,0	19,0	7,9	16,0	7,0	68,0	6,4	PINK	100/25
			6	CL1-O-D141	10,0	19,0	7,9	19,0	7,0	71,0	6,4		100/25
			10	CL1-O-D38	10,0	20,0	10,9	25,5	10,0	83,5	10,5		100/25
			12	CL1-O-DN	10,0	21,0	14,0	44,5	12,0	107,5	13,2		100/25
70	2/0	125	6	CL2-O-D14	11,3	21,0	7,8	16,0	7,0	76,0	6,4	BLACK	60/30
			6	CL2-O-D141	11,3	21,0	7,8	19,0	7,0	79,0	6,4		60/30
			10	CL2-O-D38	11,3	21,0	11,0	25,5	10,0	91,5	10,5		60/30
			12	CL2-O-DN	11,3	22,0	14,0	44,5	12,0	115,5	13,2		60/30
95	3/0	150	6	CL3-O-D141	12,4	23,3	8,0	19,0	7,0	82,0	6,4	ORANGE	60/30
			10	CL3-O-D38	12,4	23,3	11,0	25,5	10,0	94,5	10,5		60/30
			12	CL3-O-DN	12,4	24,0	14,0	44,5	12,0	118,5	13,2		60/30
	4/0	200	6	CL4-O-D141	13,5	25,0	13,0	19,0	11,0	94,0	6,4	PURPLE	50/25
			10	CL4-O-D38	13,5	25,0	11,0	25,5	10,0	97,5	10,5		50/25
			10	CL4-O-DN38	13,5	25,0	11,0	44,5	10,0	116,5	10,5		50/25
			12	CL4-O-DN	13,5	25,0	14,0	44,5	12,0	121,5	13,2		50/25
120	250	250	10	CL250-D38	15,2	28,5	11,0	25,5	10,0	103,0	10,5	YELLOW	40/20
			12	CL250-DN	15,2	28,5	14,0	44,5	12,0	127,0	13,2		40/20
150	300	300	10	CL300-D38	16,7	31,5	13,0	25,5	11,0	116,0	10,5	WHITE	30/15
			12	CL300-DN	16,7	31,5	16,0	44,5	14,0	141,0	13,2		30/15
185	350	350	6	CL350-D141	17,6	33,0	13,0	19,0	11,0	109,5	6,4	RED	30/15
			10	CL350-D38	17,6	33,0	13,0	25,5	11,0	116,0	10,5		30/15
			12	CL350-DN	17,6	33,0	16,0	44,5	14,0	141,0	13,2		30/15
	400	400	6	CL400-D141	19,2	35,5	13,0	19,0	11,0	118,5	6,4	BLUE	20/10
			10	CL400-D38	19,2	35,5	13,0	25,5	11,0	125,0	10,5		20/10
			12	CL400-DN	19,2	35,5	16,0	44,5	14,0	150,0	13,2		20/10
240	500	MCM	6	CL500-D141	21,1	39,0	13,0	19,0	11,0	119,5	6,4	BROWN	20/10
			10	CL500-D38	21,1	39,0	13,0	25,5	11,0	126,0	10,5		10/5
			12	CL500-DN	21,1	39,0	16,0	44,5	14,0	151,0	13,2		10/5
300	600	MCM	10	CL600-D38	23,7	44,0	20,0	25,5	11,0	149,5	10,5	GREEN	20/5
			12	CL600-DN	23,7	44,0	20,0	44,5	14,0	171,5	13,2		20/5
	750	MCM	10	CL750-DN38	26,0	48,0	20,0	44,5	11,0	173,5	10,5	BLACK	15/5
			10	CL750-D38	26,0	48,0	20,0	25,5	11,0	154,5	10,5		15/5
			12	CL750-DN	26,0	48,0	20,0	44,5	14,0	176,5	13,2	15/5	


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**DIE SELECTOR CHART**

APPLICATIONS	CONDUCTOR		CONNECTOR		B 15MD		B35-50MD		HT 51 RH 50 B 500		HT 120 and tools and heads with 130 kN crimping force		ECW-H3D	RHU 520
	Conductor Size sqmm	Conductor Size AWG	LUGS	SPLICES	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET	DIE SET
 C...	10	8	C8..	BSC0.8	ME03/2-15 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2-50 (1)	MY 2C (1)			
	16	6	C6..	BSC0.6	ME2/3-15 (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...	25	4	C4..	BSC0.4	MA03/3-15 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4-50 (1)	MY 4C (1)			
	35	3	C3..	BSC0.3		MY 5-50 (1)	MY 5-50 (1)	MY 5-50 (1)	MY 5-50 (1)	MY 5-50 (1)	MY 5C (1)			
 CL...	50	2	C2..	BSC0.2		MY 6-50 (1)	MY 6-50 (1)	MY 6-50 (1)	MY 6-50 (1)	MY 6-50 (1)	MY 6C (1)			
	70	1	C1..	BSC0.1		MY 7-50 (1)	MY 7-50 (1)	MY 7-50 (1)	MY 7-50 (1)	MY 7-50 (1)	MY 7C (1)			
 BSCL...	95	1/0	C1/O..	BSC0.1/O		MY 10-50 (2)	MY 10-50 (2)	MY 10-50 (2)	MY 10-50 (2)	MY 10-50 (2)	MY 10C (1)	Adaptador	Adaptador	Adaptador
	120	2/0	C2/O..	BSC0.2/O		MY 14-50 (2)	MY 14-50 (2)	MY 14-50 (2)	MY 14-50 (2)	MY 14-50 (2)	MY 14C (1)	AU 230C-130 D	AU 230C-130 D	AU 520-130 C
	150	3/0	C3/O..	BSC0.3/O		MY 18-50 (2)	MY 18-50 (2)	MY 18-50 (2)	MY 18-50 (2)	MY 18-50 (2)	MY 18C (1)	con matriz	con matriz	con matriz
	185	4/0	C4/O..	BSC0.4/O		MY 19-50 (2)	MY 19-50 (2)	MY 19-50 (2)	MY 19-50 (2)	MY 19-50 (2)	MY 19C (1)	MY-C	MY-C	MY-C
	240	250 MCM	C250..	BSC0.250		MY 24-50 (2)	MY 24-50 (2)	MY 24-50 (2)	MY 24-50 (2)	MY 24-50 (2)	MY 24C (1)			
	300	300 MCM	C300..	BSC0.300		MY 30-50 (2)	MY 30-50 (2)	MY 30-50 (2)	MY 30-50 (2)	MY 30-50 (2)	MY 30C (1)			
	350	350 MCM	C350..	BSC0.350							MY 36-50 (2)			
	400	400 MCM	C400..	BSC0.400							MY 37-50 (2)			
	500	500 MCM	C500..	BSC0.500							MY 48C (2)			
	600	600 MCM	C600..	BSC0.600							MY 60C (2)			
	750	750 MCM	C750..	BSC0.750							MY 76C (2)			

N.B.: Number inside symbol indicates the number of crimps for C short barrel lugs only



**COPPER CONDUCTORS**

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