

COLOR CODED COPPER CRIMPING LUGS CL

one hole long barrel for copper conductors

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are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600 for use in heavy duty application.

The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

Cembre lugs are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation.

In applications subject to vibration, terminals have to perform a reliable connection, the annealing process plays a vital role in avoiding cracking or breaks between the barrel and palm.

The long barrel provides better mechanical pull-out strength.

Lugs are electrolytically tinplated to avoid oxidization. The tongue is clearly marked with wire size and die index for Cembre tools.

UL listed for US and Canada per UL486A up to 35 KV.

CL series lugs are an important part of Cembre crimping systems for power carrying conductors. Cembre technicians are available to provide technical advice as required.

Please consult Cembre for products not listed.

**Also available with inspection hole.
In case of order, add suffix IH to the part number.
E.g.: CL250IH-12**

Certificates

□ 2011/65/EU

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Technical characteristics

Material (Body) ETP Copper electrolytically tinned

Material (Fixing)ETP Copper electrolytically tinned

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List of products

CL8 Cable type: copper, Maximum section: 8 AWG

ColorRed

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL8-10	10 gauge	0.18 in.	0.39 in.	0.26 in.	0.24 in.	1.48 in.	0.21 in.	400	50
CL8-14	1/4	0.18 in.	0.43 in.	0.28 in.	0.24 in.	1.5 in.	0.25 in.	400	50
CL8-38	3/8	0.18 in.	0.71 in.	0.43 in.	0.39 in.	1.81 in.	0.41 in.	400	50

CL6 Cable type: copper, Maximum section: 5 AWG

ColorBlue

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL6-10	10 gauge	0.23 in.	0.45 in.	0.26 in.	0.24 in.	1.57 in.	0.21 in.	400	50
CL6-14	1/4	0.23 in.	0.45 in.	0.28 in.	0.24 in.	1.59 in.	0.25 in.	400	50
CL6-12	1/2	0.23 in.	0.79 in.	0.55 in.	0.47 in.	2.11 in.	0.52 in.	400	50

CL4 Cable type: copper, Maximum section: 3 AWG

ColorGrey

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL4-10	10 gauge	0.24 in.	0.49 in.	0.26 in.	0.24 in.	1.85 in.	0.21 in.	400	50
CL4-14	1/4	0.24 in.	0.49 in.	0.28 in.	0.24 in.	1.87 in.	0.25 in.	400	50
CL4-38	3/8	0.24 in.	0.71 in.	0.43 in.	0.39 in.	2.19 in.	0.41 in.	400	50
CL4-12	1/2	0.24 in.	0.79 in.	0.55 in.	0.47 in.	2.38 in.	0.52 in.	400	50

CL3 Cable type: copper, Maximum section: 3 AWG

ColorWhite

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL3-14	1/4	0.28 in.	0.55 in.	0.28 in.	0.24 in.	1.87 in.	0.25 in.	200	100
CL3-516	5/16	0.28 in.	0.59 in.	0.35 in.	0.31 in.	2.03 in.	0.33 in.	200	100
CL3-38	3/8	0.28 in.	0.71 in.	0.43 in.	0.39 in.	2.19 in.	0.41 in.	200	100
CL3-12	1/2	0.28 in.	0.83 in.	0.55 in.	0.47 in.	2.38 in.	0.52 in.	200	100

CL2 Cable type: copper, Maximum section: 2 AWG

ColorBrown

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL2-10	10 gauge	0.3 in.	0.67 in.	0.26 in.	0.24 in.	1.81 in.	0.21 in.	200	50
CL2-14	1/4	0.3 in.	0.67 in.	0.28 in.	0.24 in.	1.83 in.	0.25 in.	200	50
CL2-516	5/16	0.3 in.	0.67 in.	0.35 in.	0.31 in.	1.99 in.	0.33 in.	200	50
CL2-12	1/2	0.3 in.	0.83 in.	0.55 in.	0.47 in.	2.34 in.	0.52 in.	200	50

CL1 Cable type: copper, Maximum section: 1 AWG

ColorGreen

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|---------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL1-10 | 10 gauge | 0.35 in. | 0.67 in. | 0.26 in. | 0.24 in. | 1.89 in. | 0.21 in. | 200 | 50 |
| CL1-516 | 5/16 | 0.35 in. | 0.67 in. | 0.35 in. | 0.31 in. | 2.07 in. | 0.33 in. | 200 | 50 |
| CL1-12 | 1/2 | 0.35 in. | 0.83 in. | 0.55 in. | 0.47 in. | 2.42 in. | 0.52 in. | 200 | 50 |

CL1/0 Cable type: copper, Maximum section: 1/0 AWG

ColorPink

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|-----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL1/0-10 | 10 gauge | 0.39 in. | 0.75 in. | 0.31 in. | 0.28 in. | 2.11 in. | 0.21 in. | 100 | 50 |
| CL1/0-516 | 5/16 | 0.39 in. | 0.75 in. | 0.35 in. | 0.31 in. | 2.19 in. | 0.33 in. | 100 | 50 |
| CL1/0-38 | 3/8 | 0.39 in. | 0.79 in. | 0.43 in. | 0.39 in. | 2.34 in. | 0.41 in. | 100 | 50 |
| CL1/0-12 | 1/2 | 0.39 in. | 0.83 in. | 0.55 in. | 0.47 in. | 2.54 in. | 0.52 in. | 100 | 50 |

CL2/0 Cable type: copper, Maximum section: 2/0 AWG

ColorBlack

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL2/0-38 | 3/8 | 0.44 in. | 0.83 in. | 0.43 in. | 0.39 in. | 2.66 in. | 0.41 in. | 100 | 50 |
| CL2/0-12 | 1/2 | 0.44 in. | 0.87 in. | 0.55 in. | 0.47 in. | 2.85 in. | 0.52 in. | 100 | 50 |

CL3/0 Cable type: copper, Maximum section: 3/0 AWG

ColorOrange

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL3/0-12 | 1/3 | 0.47 in. | 0.94 in. | 0.55 in. | 0.47 in. | 2.81 in. | 0.52 in. | 100 | 50 |

CL4/0 Cable type: copper, Maximum section: 4/0 AWG

ColorPurple

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL4/0-38 | 3/8 | 0.53 in. | 0.98 in. | 0.43 in. | 0.39 in. | 2.89 in. | 0.41 in. | 60 | 30 |
| CL4/0-12 | 1/2 | 0.53 in. | 0.98 in. | 0.55 in. | 0.47 in. | 3.09 in. | 0.52 in. | 60 | 30 |

CL250 Cable type: copper, Maximum section: 250 MCM

ColorYellow

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|----------|------------|---------|----------|----------|----------|----------|----------|----------|---------------|
| CL250-12 | 1/2 | 0.6 in. | 1.12 in. | 0.55 in. | 0.47 in. | 3.31 in. | 0.52 in. | 50 | 25 |

CL300 Cable type: copper, Maximum section: 300 MCM

ColorWhite

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- | Type | Ø Stud in. | Øi | B | M | N | L | d | Pack qty | Min. pack qty |
|----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|
| CL300-12 | 1/2 | 0.65 in. | 1.24 in. | 0.63 in. | 0.55 in. | 3.86 in. | 0.52 in. | 30 | 15 |

CL350 Cable type: copper, Maximum section: 350 MCM

ColorRed

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL350-12	1/2	0.69 in.	1.3 in.	0.63 in.	0.55 in.	3.86 in.	0.52 in.	30	15

CL400 Cable type: copper, Maximum section: 400 MCM

ColorBlue

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL400-12	1/2	0.76 in.	1.4 in.	0.63 in.	0.55 in.	4.21 in.	0.52 in.	20	10
CL400-58	5,8	0.76 in.	1.4 in.	0.75 in.	0.67 in.	4.45 in.	0.67 in.	20	10

CL500 Cable type: copper, Minimum section: 350 MCM, Maximum section: 500 MCM

ColorBrown

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL500-12	1/2	0.83 in.	1.54 in.	0.63 in.	0.55 in.	4.25 in.	0.52 in.	20	10
CL500-58	5,8	0.83 in.	1.54 in.	0.75 in.	0.67 in.	4.49 in.	0.67 in.	20	10

CL600 Cable type: copper, Minimum section: 500 MCM, Maximum section: 600 MCM

ColorGreen

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL600-12	1/2	0.93 in.	1.73 in.	0.79 in.	0.55 in.	5.06 in.	0.52 in.	10	5
CL600-58	5,8	0.93 in.	1.73 in.	0.87 in.	0.75 in.	5.33 in.	0.67 in.	10	5

CL750 Cable type: copper, Maximum section: 750 MCM

ColorBlack

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Type	Ø Stud in.	Øi	B	M	N	L	d	Pack qty	Min. pack qty
CL750-12	1/2	1.02 in.	1.89 in.	0.87 in.	0.75 in.	5.53 in.	0.52 in.	10	5
CL750-58	5,8	1.02 in.	1.89 in.	0.87 in.	0.75 in.	5.53 in.	0.67 in.	10	5