

sofamel

Product Technical Specifications

Mod. CP Pin terminal

Functionality

Copper cable lug for connections of electrical circuits. They are used in a wide range of sections, both for flexible and rigid copper cables in distribution networks. These terminals must be crimped by **hexagonal compression**.



Product Features

Manufactured from electrolytic copper with a tinplated finish to improve electrical contact.

The narrow design of the blade makes them suitable for small spaces.

These copper cable lugs are suitable for indoor and outdoor installations if any possible water inlet is sealed by tape or heat shrink, as could be the remaining separation between terminal and cable once crimped.

The Sofamel cable lugs are marked with the Sofamel logo and the section and the ØT.

The sections of this product can be from **10 to 50 mm²**.



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Raw Material Features

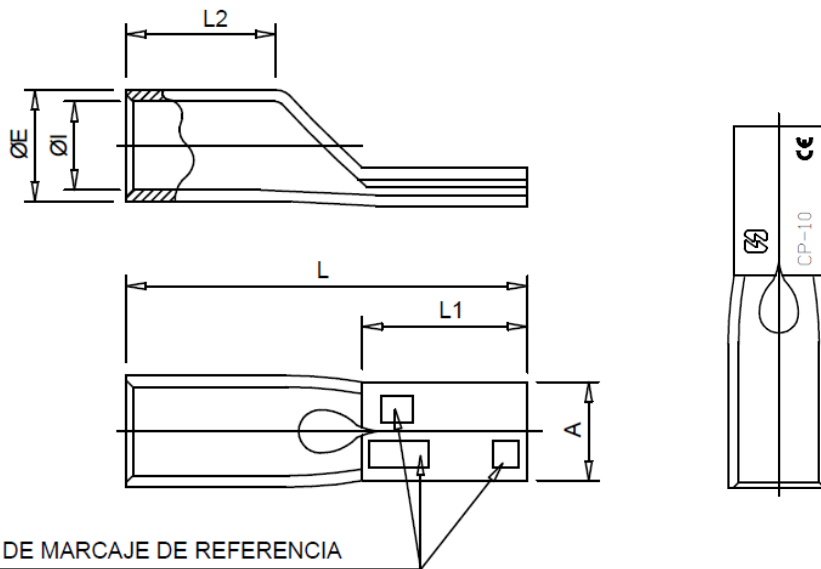
99.9% electrolytic copper.

Specific gravity: **8.95 gr/cm³.**

Conductivity at 20°C: **58.14 Siemens x m/mm².**

Resistivity at 20°C: **0.0172 Ohms x mm²/m.** Surface treatment: **tin bath 5μ thick.**

Dimensions:



SEC.	REFERENCE MARKS	ØE	ØI	L	L1	L2	A
1,5	CP-1,5	3,5	1,7	17,0	10,0	5,0	2,0
2,5	CP-2,5	4,2	2,5	17,5	10,0	5,0	2,0
6	CP-6	6,0	3,7	20,0	10,0	6,0	2,5
10	CP-10	6,8	4,7	25,0	12,0	10,0	5,0
16	CP-16	7,8	5,6	31,0	15,0	10,0	6,0
25	CP-25	9,4	7,1	34,0	18,0	10,0	7,0
35	CP-35	11,3	8,7	42,0	18,0	15,0	9,0
50	CP-50	12,6	9,8	46,0	21,0	15,0	10,0



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Certified

According to the Standard **UNE-EN 61238-1**: Compression and mechanical connectors for power cables for rated voltages up to 36 kV (Um = 42 kV) -- Part 1: Test methods and requirements.

They comply with European **Directive 2002/95/EC** about hazardous substances restriction (**ROHS**).

CE Marked in accordance with the requirements of the Low Voltage **Directive 2014/35/EU** of the European Parliament and of the Council on the harmonization of the laws of the Member States relating to the placing on the market of electrical material intended for use with certain voltage limits.