

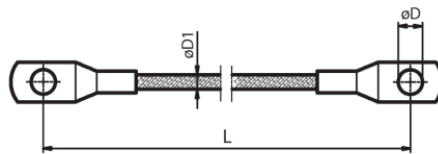
Product Datasheet

TMT1210

The copper braid is used as a super flexible conductor for all electric connection requirements, including power, earthing and equipotential connections.

It results from the use of a number of standard wires with diameter of 0.20 mm, twined together to form a cord.

More cords twined together can produce a small cross-sectioned braid or further secondary cords which, twined again, make it possible to get the desired cross-section.



Main

Family	Prefabricated earthing braids
Version	Round tinned copper earthing braids
Code	TMT1210
Reference	TMT 10-300-6
Type	Round
Number per package	10
Weight (kg)	0.0312
Current (A)*	86
Section (mm ²)	10
D1 (mm)	5
L (mm)	300
D (mm)	6.5

* Current calculated with a temperature rise $\Delta T=35\text{ }^{\circ}\text{C}$ respect to a reference room temperature of $35\text{ }^{\circ}\text{C}$

Technical Features

Material: tinned copper Cu-ETP 99.90% EN 13602

Standard wire Ø 0.20 mm

Resistivity: 0.0172 Ω mm²/m

Compliant to EN 45545-2 for railway applications



Round type copper braids

Round type made from tightly interwoven cords until they become a full round section.

It is used for power and mass connections, and, when suitably insulated, as an alternative to the cables. In that case, compared to insulated cables, with the same cross-section, it allows more current density and, most of all, extraordinary flexibility.

Please contact Teknomega for non-specified tolerances.