Product Datasheet

TTS1020

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 between 0.10 and 0.30 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	Copper braids in coils
Version	Round braids
Code	TTS1020
Reference	TTS 20-35
Type	Tinned copper
Length (m)	25
Weight (kg/m)	0.35
Current (A)*	192
Sect. (mm^2)	35
Diameter Ø (mm)	9.5
Minimum bending radius (mm)	38

* Current calculated with a temperature rise ΔT=35 °C respect to a reference room temperature of 35 °C

Technical Features

Material: tinned copper Cu-ETP UNI EN 13602

Standard wire Ø 0.20 mm

Resistivity: 0.0172 Ω mm^2/m

Round type copper braids

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.