

Braided Copper Shielded Telephone Wire

This telephone wire features stranded bare copper conductors with lead-free PVC insulation. It includes a braided bare copper wire shield and a flame-retardant PVC jacket.

Conductor: Stranded bare copper wires 28 x 0.20mm - nominal cross section 1.00 mm²
Insulation: Lead free PVC, Shore A 86 (2), Quality T1.1 (CEI 20-11) - Y1.1 (VDE 0207)
 Nominal diameter 2.10 mm
Assembly : The cores are stranded together and wrapped by PET tape.
Sheath: Braid of bare copper wires, coverage >60%
Jacket: Lead free, flame retardant PVC.
Jacket Type: Semi - Pressure

Product Overview

Professional Braided Copper Shielded Wire

This high-quality shielded telephone wire is engineered for reliable signal integrity in professional installations. Featuring a stranded bare copper conductor protected by a braided copper shield with over 60% coverage, it provides excellent protection against external interference. The construction utilizes lead-free, flame-retardant materials, meeting stringent industry standards for safety and environmental compliance.

Conductor and Insulation

Conductor Configuration

28 strands
Strand Count

0.2 mm
Strand Diameter

1 mm²
Cross-sectional Area

Insulation Standards

Lead-free PVC, Shore A 86, CEI 20-11, VDE 0207

Shielding and Construction

Construction Components

- PET tape wrapping
- Braided bare copper wire shield
- Semi-pressure PVC jacket

Shielding Coverage

60 %

Mechanical Properties

Insulation Diameter

2.1 mm

Jacket Material

Lead-free, flame-retardant PVC