

# 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 mm<sup>2</sup>  
**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 mm<sup>2</sup>**  
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