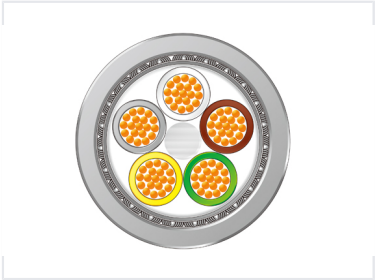


# Multi-Core Tinned Copper Braid Data Cable

This multi-core cable is designed for data transmission and control in electronic systems. It is suitable for environments with high electrical interference.



## Overview

### High-Performance Data Transmission

This multi-core data cable is engineered for reliable signal transmission in control, instrumentation, and data processing systems. Featuring a tinned copper braid screen, it provides excellent protection against electromagnetic interference (EMI) while maintaining high flexibility. With a durable PVC jacket and flame-retardant properties, it is a robust solution for both fixed installations and applications requiring occasional movement.

## Electrical Ratings

### Rated Voltage

**350 V**

For 0.14mm<sup>2</sup>

**500 V**

For >0.14mm<sup>2</sup>

### Test Voltage

**1200 V/min**

<0.25mm<sup>2</sup>

**1500 V/min**

e0.25mm<sup>2</sup>

### Capacitance (Core/Core)

120 nF/km

### Insulation Resistance (20°C)

e200M@m

## Mechanical Properties

### Minimum Bending Radius

Application Type	Radius
Fixed Application	6D
Occasional Movement	15D

## Environmental Performance

### Operating Temperature

Application	Range
Fixed Application	-40°C ~ 80°C
Occasional Movement	-5°C ~ 70°C

## Construction

### Materials & Standards

- Conductor: Fine stranded bare copper (IEC 60228/VDE 0295)
- Insulation: PVC
- Shield: Tinned copper braiding
- Jacket: PVC (Grey, RAL7035)

## Features

### Key Features

Flame Resistant (IEC60332-1) • EMI Resistant • Flexible • Oil Resistant • Small Bending Radius