

# Shielded Twisted Pair Data Transmission Cable

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



## Product Overview

### Shielded Twisted Pair Data Transmission Cable

This high-performance data transmission cable is designed for reliable signal integrity in electronic control and instrumentation systems. Featuring a shielded twisted pair construction, it offers excellent resistance to external electromagnetic interference (EMI) while maintaining flexibility for various installation environments. With a durable PVC jacket and tinned copper braiding, this cable is engineered for long-term stability in demanding industrial applications.

## Electrical Specifications

### Rated Voltage

**350 V**

0.14mm<sup>2</sup>

**500 V**

>0.14mm<sup>2</sup>

### Test Voltage (AC)

**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) 200 M@M

## Mechanical & Environmental

### Minimum Bending Radius

Application Type	Radius
Fixed Application	6D
Occasional Movement	15D

Temperature Range (Fixed) -40 to 80

Temperature Range (Occasional Movement) -5 to 70

## Construction

Conductor	Fine stranded bare copper (IEC 60228/VDE 0295)
Insulation	PVC (Color: DIN 47100)
Shield	Tinned copper braiding
Jacket Color	Grey (RAL 7035)

## Features

### Key Attributes

Flame Resistant, Flexible, EMI Resistant, Oil Resistant