

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

0.14mm²

500 V

>0.14mm²

Test Voltage (AC)

1200 V/min

<0.25mm²

1500 V/min

e0.25mm²

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