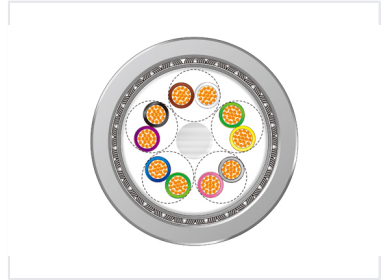


Low Frequency Twisted Pair Data Cable

This cable can be used for data transmission and control in computer systems and electronic equipment. It is suitable for environments with low electrical interference.



Overview

Low Frequency Twisted Pair Data Cable

This low-frequency data cable is engineered with twisted pairs for reliable data transmission and electronic control applications. Designed for flexibility and durability, it features ultra-fine stranded copper conductors and a robust PVC jacket. It is an ideal solution for instrumentation, control, and automation systems requiring consistent signal integrity.

Technical Parameters

Minimum Bending Radius

4 D

Fixed Application

10 D

Occasional Movement

Temperature Range (Fixed)	-40 to 80
Temperature Range (Occasional Movement)	-5 to 70
Insulation Resistance (20)	200 M@m
Capacitance (core/core)	120 nF/km

Electrical Ratings

Rated Voltage by Cross-Section

Cross-Section	Voltage
0.14mm ²	350V
>0.14mm ²	500V

Test Voltage (AC)

Cross-Section	Test Voltage
<0.25mm ²	1200V/min
≥0.25mm ²	1500V/min

Construction

Conductor	Ultra-fine stranded bare copper (IEC 60228/VDE 0295)
Jacket Color	Grey (RAL7035)
Insulation Material	PVC

Features

Key Features

Flame Resistant (IEC60332-1), Flexible, Small Bending Radius, Conditional Oil Resistance