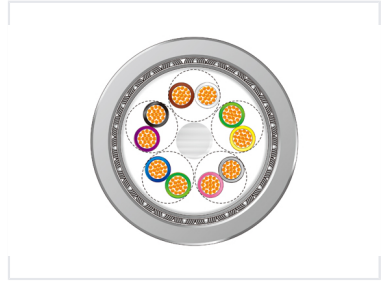


# Low Frequency Twisted Pair Data Cable

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 <sup>2</sup>	350V
>0.14mm <sup>2</sup>	500V

### Test Voltage (AC)

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