

Multi-Core Control Cable with Copper Braid Shielding

This control cable is suitable for use in tool machines, conveyor belts and production lines. It can also be used in air-conditioning systems and places with serious electrical interference.



Overview

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This multi-core control cable is engineered for reliable signal transmission in demanding environments. Featuring a tinned copper braid shield, it offers excellent protection against electromagnetic interference (EMI). Its durable PVC construction and flexible design make it suitable for both fixed and occasional movement applications in indoor and outdoor settings.

Technical Parameters

Minimum Bending Radius

6 D

Fixed Application

20 D

Occasional Movement

Temperature Range (Fixed)	-40°C to 80°C
Temperature Range (Occasional Movement)	-5°C to 70°C
Rated Voltage	300/500V, 450/750V
Test Voltage	4000 V
Insulation Resistance (20°C)	e2M@m

Cable Construction

Conductor Specifications	Fine stranded bare copper, IEC 60228/VDE 0295 class 5
Insulation Material	PVC
Shielding	Tinned copper braiding
Outer Jacket Material	PVC (Transparent)
Core Identification	Black cores with white numbering, green-yellow conductor (DIN VDE 0293)

Features

Key Features

- Flame resistance (IEC 60332-1)
- Small bending radius
- High flexibility
- Excellent EMI resistance