

Multi-Conductor Control Cable with Braided Shield

This control cable is designed for use in tool machines, conveyor belts, and production lines, as well as air-conditioning systems, in environments with electrical interference. It is suitable for fixed applications or non-sustained shuttle bending movement, but not for outdoor installation.



Product Overview

Multi-Conductor Control Cable with Braided Shield

This multi-conductor control cable is engineered for flexible applications in industrial automation and robotics. It features a robust construction with fine stranded bare copper conductors and a tinned copper braided shield for electromagnetic compatibility. Designed for reliability, the cable offers excellent flame resistance, conditional oil resistance, and a compact outer diameter to save space in demanding environments.

Technical Parameters

Test Voltages

4000 V

Core/Core

2000 V

Core/Shield

Temperature Range

Condition	Range
Fixed Application	-40°C to 80°C
Occasional Movement	-5°C to 70°C

Minimum Bending Radius

Condition	Radius
Fixed Application	6D
Occasional Movement	20D

Rated Voltage: 300/500V

Insulation Resistance (20°C): e2M@m

Cable Construction

Conductor	Fine stranded bare copper (IEC 60228/VDE 02955)
Insulation	PVC
Insulation Color	DIN VDE 0293 (Black cores with white numbering, green-yellow conductor)
Shield	Tinned copper braiding
Jacket Material	PVC
Jacket Color	Grey (RAL 7001)

Features

Key Features

Flame Resistant (IEC60332-1) • EMI Resistant • Compact Design • Oil Resistant • Flexible