

Multi-Conductor Control Cable for Automation

This control cable is suitable for drag chain or frequent movement applications. It can be used as control cables in CNC machine tools, engraving machines, wood working machines and other automation equipment production lines in all kinds of machines.



Product Overview

High-Performance Automation Cable

This multi-conductor control cable is engineered for demanding automation environments, offering exceptional flexibility and durability. Designed to withstand rigorous mechanical stress, it features a small bending radius and reliable flame resistance. It is an ideal solution for drag chain applications requiring consistent performance and longevity.

Electrical Specifications

Rated Voltage	300 V
Test Voltage	2000 V
Insulation Resistance (20°C)	e20M@m

Mechanical Performance

Minimum Bending Radius

4 D Fixed Application	10 D Mobile Application
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Drag Chain Cycles	1-3 million times
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Environmental Ratings

Temperature Range

-40 °C Fixed Min	80 °C Fixed Max	-5 °C Mobile Min	70 °C Mobile Max
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Construction & Materials

Conductor Material	Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
Insulation Material	PVC
Jacket Color	Grey (RAL 7001)

Compliance & Features

Key Features

Flame Resistant (IEC60332-1) • Oil Resistant • High Flexibility

Certifications

UL2464