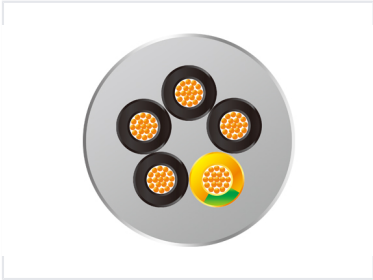


Continuous Flex Control Cable

This continuous flex control cable is suitable for drag chain applications and frequent movement in greasy environments. It can be used as a control cable in CNC machine tools, engraving machines, woodworking machines, steel production and other automation equipment production lines.



Overview

Continuous Flex Control Cable

This high-performance control cable is specifically engineered for demanding dynamic applications, including drag chains, robotics, and automation systems. Featuring a durable PUR jacket and fine stranded copper conductors, it offers exceptional resistance to oil, abrasion, and hydrolysis. It is designed to withstand millions of cycles, ensuring reliable power and signal transmission in harsh industrial environments.

Electrical Ratings

Rated Voltage

300 V Rated Voltage	500 V Max Voltage
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Test Voltage	4000 V
Insulation Resistance (20°C)	e2M@m

Mechanical Performance

Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	7.5D

Drag Chain Life Cycle	3~8 million times
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Environmental Conditions

Temperature Range

- Fixed Application: -40°C to 70°C
- Mobile Application: -5°C to 70°C

Cable Construction

Construction Materials

- Conductor: Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
- Insulation: PVC
- Shielding: Tinned copper braiding
- Jacket: PUR (Grey, RAL 7001)

Core Identification

DIN VDE 0293 (Black cores with white numbering, green-yellow conductor)

Features

Performance Features

Flame Resistant (IEC60332-1), Oil Resistant, Abrasion Resistant, Anti-Hydrolysis, High Flexibility