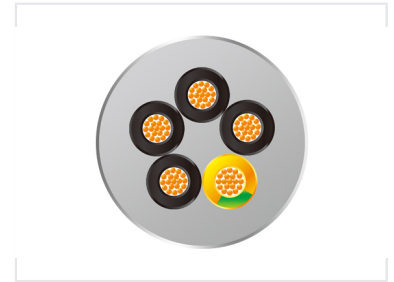


Continuous Flex Control Cable

This control cable is suitable for drag chain or frequent movement applications in greasy environments. It can be used as control cables in CNC machine tools, engraving machines, and steel production lines.



Overview

Continuous Flex Control Cable

This high-performance continuous flex control cable is engineered for demanding dynamic environments, such as drag chains and automated machinery. Featuring a durable PUR jacket and fine-stranded bare copper conductors, it offers excellent resistance to oil, abrasion, and hydrolysis. With a high flex life of over 20 million cycles and a halogen-free design, this cable ensures reliable power and signal transmission in robotics and industrial automation.

Electrical Specifications

Rated Voltage

300 V

Rated Voltage

500 V

Rated Voltage

Test Voltage

3000 V

Insulation Resistance (at 20°C)

e20MΩm

Mechanical Performance

Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	7.5D

Drag Chain Application Life

e20million times

Environmental Conditions

Temperature Range

Application Type	Temperature
Fixed	-50°C to 90°C
Mobile	-40°C to 80°C

Construction

Conductor Material	Fine stranded bare copper (IEC 60228/VDE 0295 class 6)
Insulation Material	TPE
Jacket Material	PUR (Grey, RAL 7001)

Features

Key Features	Halogen Free, Flame Resistant, Oil Resistant, Abrasion Resistant, Anti-Hydrolysis, High Flexibility
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