

Continuous Flex Control Cable

This control cable is designed for use in CNC machine tools, engraving machines, and woodworking machines. It is suitable for drag chains and frequent movement in automation equipment production lines.



Product Overview

Continuous Flex Control Cable

This continuous flex control cable is engineered for high-performance applications, specifically designed for use in drag chains and demanding industrial environments. It features fine-stranded bare copper conductors and a robust PVC jacket, ensuring excellent flexibility and durability. With superior oil resistance and a wide operating temperature range, this cable provides reliable power and signal transmission in complex robotic and automation systems.

Technical Parameters

Rated Voltage

300 V

Rated Voltage

Temperature Range

Application	Range
Fixed	-40°C to 90°C
Mobile	-5°C to 90°C

Test Voltage

4000 V

Insulation Resistance (20°C)

e20M@mm

Mechanical Properties

Minimum Bending Radius

- Fixed Application: 4D (D=cable diameter)
- Mobile Application: 7.5D (D=cable diameter)

Drag Chain Life Cycle

3~8 million cycles

Cable Construction

Conductor

Fine stranded bare copper (IEC 60228/VDE 0295 class 6)

Insulation

PVC

Jacket Color

Black (RAL 9005)

Features

Key Features

Flame Resistant • High Flexibility • Oil Resistant • Small Bending Radius