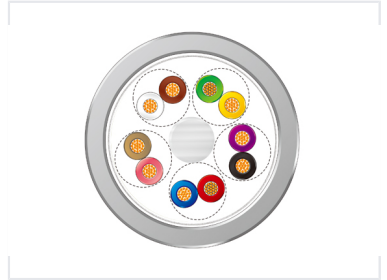


Continuous Flex Twisted Pair Control Cable

This control cable is designed for signal control in CNC machine tools and automation equipment. It is suitable for drag chain applications and frequent movement.



Product Overview

Continuous Flex Twisted Pair Control Cable

This highly flexible twisted pair control cable is engineered for demanding continuous flex applications, particularly within drag chain systems. It features fine stranded bare copper conductors and robust PVC insulation, ensuring reliable signal integrity and performance in industrial automation and robotics environments. Designed to withstand mechanical stress, oil, and abrasion, this cable offers excellent resistance to external electromagnetic interference for consistent data transmission.

Electrical Ratings

Test Voltage

2000 V

Test Voltage

Rated Voltage	300 V
Insulation Resistance (20°C)	e10M@1m

Mechanical Specifications

Min. Bending Radius (Fixed)	4 D
Min. Bending Radius (Mobile)	7.5 D
Drag Chain Cycles	3-8 million times

Temperature Range

Fixed Application	-40°C to 80°C
Mobile Application	-5°C to 70°C

Construction

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

Certifications & Features

Key Features

Flame Resistant • High Flexibility • Oil Resistant • Abrasion Resistant • Anti-Hydrolysis • EMI Shielding

Certifications

UL2464