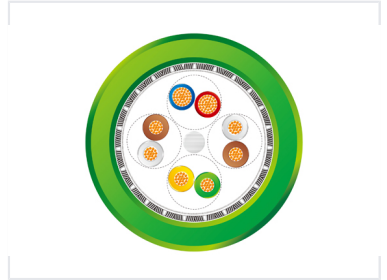


Servo Motor Connection Cable for CNC Machines

This servo motor connection cable is designed for CNC machine tools, robots, and automation equipment. It is suitable for drag chains and frequent movement in greasy and wet environments, especially where electrical interference is a concern.



Overview

High-Performance Servo Motor Cable

This highly flexible servo connection cable is engineered for demanding industrial environments, specifically designed for continuous motion applications like drag chains. It features a durable PUR jacket and advanced shielding to provide excellent resistance to oil, flame, and external electromagnetic interference. With its robust construction, this cable ensures reliable power and signal transmission for servo motors and automated equipment.

Electrical Specifications

Test Voltage

500 V/min

Test Voltage

Rated Voltage

30 V

Insulation Resistance

$e10M\Omega m$ (at 20°C)

Mechanical & Environmental

Operating Temperature

Application Type	Temperature Range
Fixed Application	-20°C to 60°C
Mobile Application	-50°C to 80°C

Minimum Bending Radius

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

Drag Chain Durability

10000000 cycles

Cable Construction

Material Composition

Component	Material
Conductor	Fine stranded bare copper (IEC60228/VDE0295 class 6)
Insulation	PP
Shield	Tinned Copper Braiding
Jacket	PUR

Jacket Color	Green (RAL 6018)
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Features & Certifications

Certifications

UL2464 • IEC60332-1

Key Features

Halogen Free, Flame Retardant, Oil Resistant, EMI Shielded, High Flexibility