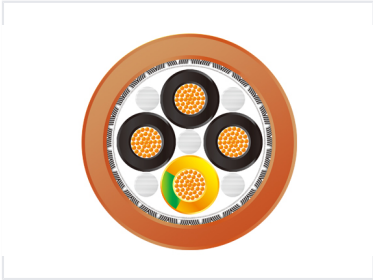


# Servo Motor Connection Cable

This cable is designed for connecting motors and converters, or controllers and motors in CNC machine tools and robots. It is suitable for drag chains or frequent movement in environments with electrical interference.



## Overview

### High-Performance Servo Motor Connection Cable

This high-flexibility servo cable is engineered for continuous motion in demanding industrial environments such as drag chains, robotics, and automated machinery. Constructed with ultra-fine stranded bare copper and a specialized PVC jacket, it offers superior oil resistance and flame retardancy. The cable features a tinned copper braided shield to provide excellent protection against external electromagnetic interference.

## Electrical Specifications

Rated Voltage	600/1000V
Test Voltage	4000V/min (AC)
Insulation Resistance (at 20°C)	e20M@m

## Mechanical Specifications

### Temperature Range

<b>-40 °C</b> Fixed Min	<b>80 °C</b> Fixed Max	<b>-5 °C</b> Mobile Min	<b>70 °C</b> Mobile Max
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### Minimum Bending Radius

Application Type	Radius
Fixed Application	4D (D=Cable diameter)
Mobile Application	7.5D (D=Cable diameter)

Drag Chain Cycles	3~8 million times
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## Construction

### Conductor Construction

- Ultra-fine stranded bare copper
- IEC 60228/VDE 0295 class 6 compliant

### Insulation & Jacket

- PP Insulation
- PVC Jacket
- Color: Orange (RAL 2003)
- Core Identification: DIN VDE 0293 (Black with white numbering, green-yellow conductor)

## Features

### Key Features

Flame Retardant (IEC60332-1), High Flexibility, Oil Resistant, EMC Shielded