

# Shielded Servo Cable for Automation

This shielded servo cable connects motors and controllers in CNC machine tools and automation equipment. It is designed for environments with electrical interference and occasional movement.



## Product Overview

### Shielded Servo Cable for Automation

This shielded servo cable is engineered for demanding industrial motion control applications, providing reliable signal transmission for servo motors and encoders. Featuring a robust construction with a tinned copper overall braid, it offers excellent electromagnetic interference (EMI) protection and resistance to harsh environments. Designed for both fixed and occasional movement applications, it combines high flexibility with flame-retardant properties to ensure safety and longevity in automated systems.

## Technical Specifications

### Operating Temperature

<b>-40 °C</b> Fixed Min	<b>80 °C</b> Fixed Max	<b>-5 °C</b> Movement Min	<b>70 °C</b> Movement Max
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### Rated Voltage

Application	Voltage
Power Line	600/1000V
Control Line	300/500V

### Minimum Bending Radius

- Fixed Application: 6D
- Occasional Movement: 20D

## Cable Construction

### Jacket Color

Grey (RAL 7001)

### Conductor Material

Fine stranded bare copper conductor

### Standard Compliance

IEC 60228, VDE 0295 Class 5

### Insulation Material

PVC

### Shielding

Control pair AL/Mylar screen and tinned copper overall braiding

## Key Features

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- Flame retardant (IEC60332-1)
- Good flexibility
- Small bending radius
- Excellent electromagnetic interference resistance
- Economical solution