

# Shielded Servo Motor Cable Assembly

These servo motor cable assemblies facilitate connections between motors and converters or controllers in CNC machine tools, robots, and automation equipment. They are designed for environments with high electrical interference and are suitable for drag chain or frequent movement applications.



## Product Overview

### Professional Servo Motor Cable Assembly

This high-performance shielded cable assembly is engineered for demanding industrial servo motor applications requiring precise control and reliable power transmission. Featuring ultra-fine stranded copper conductors and double-layer shielding, it offers superior resistance to electromagnetic interference (EMI) and harsh environmental conditions. The robust PVC jacket and high-flexibility design make it an ideal solution for drag chain systems and long-term industrial operations.

## Technical Specifications

### Minimum Bending Radius

- Fixed Application: 4D
- Moved Application: 7.5D

### Temperature Range

- Fixed: -40 to 105
- Moved: -5 to 105

### Rated Voltage

600 V

### Test Voltage (Core/Core)

4000 V

## Construction

### Cable Construction

Component	Material / Specification
Conductor	Ultra-fine stranded bare copper (IEC 60228/VDE 0295 class 6)
Insulation	PVC (DIN VDE 0293)
Shielding	Control pair tinned copper + Overall tinned copper braid
Jacket	PVC (Grey, RAL7001)
Connectors	One end with M23

## Performance Features

### Key Properties

EMI Resistant, Oil Resistant, Abrasion Resistant, Flame Retardant, High-Flex Drag Chain Compatible