

Servo Motor Connection Cable

This servo motor connection cable is designed for use between motors and converters, or controllers and motors in CNC machine tools, robots, and other equipment. It is well-suited for drag chain applications or frequent movement in greasy and wet environments, especially where electrical interference is a concern.



Overview

High-Performance Servo Motor Connection Cable

This industrial-grade servo motor connection cable is engineered for demanding applications requiring high flexibility and durability. Featuring a robust PUR jacket and advanced shielding, it provides excellent resistance to oil, abrasion, and electromagnetic interference. Designed for drag chain use, it supports up to 8 million cycles, making it an ideal solution for automated machinery and robotics.

Technical Parameters

Test Voltage

4000 V/min

Core/Core

4000 V/min

Core/Shield

Rated Voltage

600/1000V

Insulation Resistance (20°C)

e2M@m

Temperature Range

Fixed Application

-50 °C to 90°C

Occasional Movement

-40 °C to 90°C

Construction

Shielding

- Single control pair tinned copper braiding
- Double control pair AL/Mylar screen
- Tinned copper braiding

Conductor Material

Ultra-fine stranded bare copper

Insulation Material

PP

Jacket Material

PUR

Jacket Color

Black (RAL 9005)

Performance

Minimum Bending Radius

Application Type	Radius
Fixed Application	4D
Mobile Application	7.5D

Drag Chain Life	8000000 cycles
-----------------	----------------

Key Features

Features

Halogen-free • Flame resistant • Oil resistant • Abrasion resistant • Anti-hydrolysis • Low capacitance