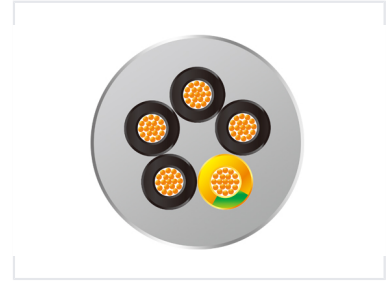


CNC Machine Tool Control Cable

This control cable is suitable for CNC machine tools, engraving machines, and steel production lines. It is designed for drag chain or frequent movement applications.



Product Overview

High-Performance CNC Control Cable

This CNC Machine Tool Control Cable is engineered for reliable data transmission and signal integrity in demanding industrial environments. Featuring a flexible, robust construction, it is specifically designed for use in drag chains, ensuring long-lasting performance under repetitive motion. With excellent oil resistance and flame retardant properties, this cable provides a durable solution for complex machine tool applications.

Electrical Specifications

Test Voltage

4000 V

Test Voltage

Rated Voltage

500 V

Insulation Resistance (20°C)

e2M@m

Mechanical Performance

Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	10D

Temp Range (Fixed)

-40°C to 70°C

Temp Range (Mobile)

-5°C to 70°C

Drag Chain Durability

1-3 million cycles

Construction & Materials

Conductor Material

Fine stranded bare copper (IEC 60228/VDE 0295 class 5)

Insulation Material

PVC

Core Identification

Black cores with white numbering, green-yellow conductor (DIN VDE 0293)

Jacket Color

Grey (RAL 7001)

Features & Compliance

Compliance

IEC 60332-1 • IEC 60228 • VDE 0295 • VDE 0293

Key Features

Flame Resistant, High Flexibility, Oil Resistant, Small Bending Radius