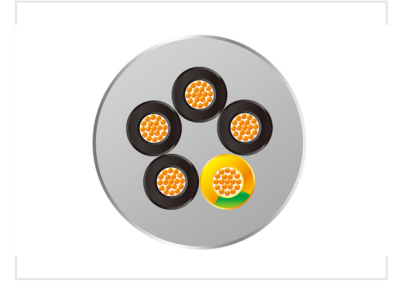


# CNC Machine Tool Control Cable

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