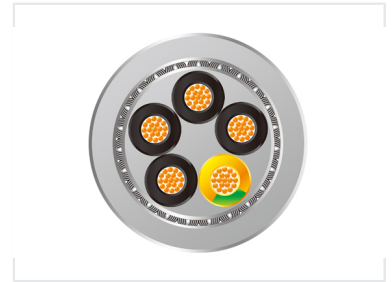


# Control Cable for CNC Machine Tools

This control cable is designed for use in CNC machine tools, engraving machines, and other automation equipment production lines. It is suitable for drag chain applications or frequent movement in greasy environments.



## Overview

### High-Performance Control Cable for CNC Applications

This control cable is specifically engineered for demanding CNC machine tool environments, offering excellent flexibility and durability. Featuring a PUR jacket and fine stranded bare copper conductors, it excels in applications requiring oil, abrasion, and hydrolysis resistance. Designed for heavy-duty use, it supports up to 3 million drag chain cycles, ensuring reliable performance in dynamic industrial settings.

## Technical Parameters

### Rated Voltage

**300 V**

Rated Voltage

**500 V**

Max Voltage

### Temperature Range

Application	Range
Fixed	-40°C to 80°C
Mobile	-5°C to 70°C

### Minimum Bending Radius

- Fixed Application: 4D (D=cable diameter)
- Mobile Application: 10D (D=cable diameter)

Test Voltage	4000 V
Drag Chain Cycles	1-3 million times

## Cable Construction

Conductor	Fine stranded bare copper, IEC 60228/VDE 0295 class 6
Insulation	PVC
Jacket Material	PUR
Core Coloring	DIN VDE 0293, black cores with white numbering, green-yellow conductor
Jacket Color	Grey (RAL 7001)

## Features

### Performance Features

Flame Resistant • Oil Resistant • Abrasion Resistant • Anti-Hydrolysis • High Flexibility