

# Shielded Control Cable for Tool Machines and Production Lines

This control cable can be used in tool machines, conveyor belts, and production lines. It is suitable for fixed applications or non-sustained shuttle bending movement, but not for outdoor installation.



## Overview

### High-Performance Shielded Control Cable

This shielded control cable is engineered for demanding industrial environments, including tool machines and production lines. It features a tinned copper braid shield that provides excellent resistance to external electromagnetic interference (EMI), ensuring reliable signal integrity. Designed with a robust PVC construction, the cable offers conditional oil resistance and flame retardancy, making it a dependable choice for both fixed applications and occasional movement.

## Technical Parameters

### Temperature Range

<b>-40 °C</b> Fixed Min	<b>80 °C</b> Fixed Max	<b>-5 °C</b> Movement Min	<b>70 °C</b> Movement Max
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Rated Voltage	300/500V, 450/750V
Test Voltage	4000 V
Insulation Resistance (20°C)	e20MΩm

## Mechanical Specs

### Minimum Bending Radius

Application	Radius
Fixed Application	6D
Occasional Movement	20D

## Construction

### Construction Materials

- Conductor: Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
- Insulation: PVC
- Inner Jacket: PVC
- Shield: Tinned copper braiding
- Outer Jacket: PVC

Outer Jacket Color	Transparent
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## Features

### Key Features

Flame Resistant (IEC60332-1) • EMI Shielded • Flexible • Oil Resistant