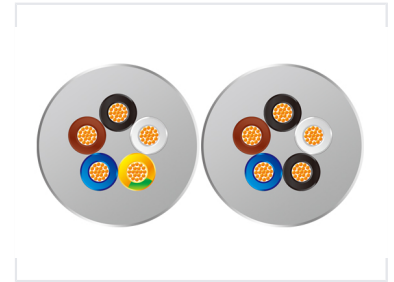


# Multi-Conductor Control Cable

This control cable is suitable for fixed applications or non-sustained shuttle bending movement. It can be used in tool machines, conveyor belts, production lines, and air-conditioning systems.



## Overview

### High-Performance Multi-Conductor Control Cable

This multi-conductor control cable is engineered for reliable signal transmission and durability in demanding industrial environments. Featuring a fine stranded bare copper conductor and a flexible PVC jacket, it is designed for easy installation in tight spaces while maintaining excellent performance. With flame resistance and conditional oil resistance, this cable is an ideal choice for control circuits, data transmission, and general communication systems.

## Technical Parameters

### Operating Temperature Range

<b>-40 °C</b> Fixed Application Min	<b>80 °C</b> Fixed Application Max	<b>-5 °C</b> Occasional Movement Min	<b>70 °C</b> Occasional Movement Max
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### Minimum Bending Radius

Application	Radius
Fixed Application	4D (D=cable diameter)
Occasional Movement	15D (D=cable diameter)

**Rated Voltage** 300/500V, 450/750V

**Test Voltage** 4000 V

**Insulation Resistance (at 20°C)** e20M@m

## Construction

### Core Color Coding

- 5 cores and below: DIN VDE 0293
- 6 cores and above: ZHAOLONG color code
- Includes green-yellow conductor

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

**Insulation Material** PVC

**Jacket Color** Grey (RAL 7001)

## Features

**Key Features** Flame Resistant (IEC60332-1), Oil Resistant, Flexible Design, Space-Saving