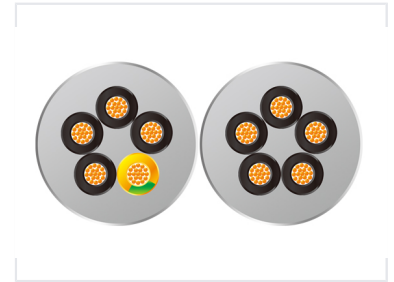


# Multi-Core Control Cable for Automation

This control cable is designed for use 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

### Versatile Multi-Core Control Cable

This multi-core control cable is engineered for reliable performance in automation and electronic applications. Featuring a compact design with a small outer diameter, it saves valuable installation space while maintaining excellent flexibility and a small bending radius. Built to withstand demanding environments, it offers flame resistance and conditional oil resistance, making it an ideal choice for complex control systems.

## Electrical Ratings

Insulation Resistance (at 20°C)

**20 MΩm**  
Min Resistance

Rated Voltage	300/500V, 450/750V
Test Voltage	4000 V

## Mechanical Properties

Minimum Bending Radius

Application Type	Radius
Fixed Application	4D
Occasional Movement	15D

Temperature Range

Condition	Range
Fixed Application	-40°C to 80°C
Occasional Movement	-5°C to 70°C

## Construction

Conductor Material	Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
Insulation Material	PVC
Jacket Color	Grey (RAL 7001)
Core Identification	Black cores with white numbering, green-yellow conductor (DIN VDE 0293)

## Features & Compliance

### Key Features

Flame resistant • Oil resistant • Space-saving design • Flexible

### Flame Resistance Standard

IEC 60332-1