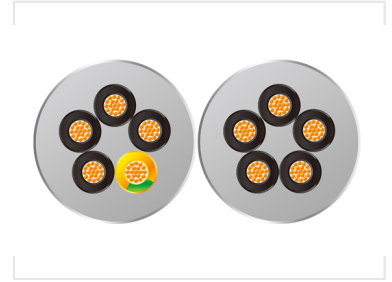


Multi-Core Control Cable for Industrial Applications

This control cable is suitable for fixed applications or non-sustained shuttle bending movement. It can be used in tool machines, conveyor belts, and production lines of machinery production, air-conditioning systems, and wood working machines, adapting greasy and wet environments, and can also be used outdoors.



Overview

High-Performance Industrial Control Cable

This multi-core control cable is engineered for demanding industrial environments, offering exceptional durability and flexibility. Featuring a robust PUR jacket and fine stranded copper conductors, it provides superior resistance to oil, abrasion, and hydrolysis. Designed to save space with a compact outer diameter, it is an ideal solution for applications requiring reliable power or signal transmission in both fixed and moving installations.

Electrical Specifications

Rated Voltage

300 V

Rated Voltage

500 V

Rated Voltage

Test Voltage: 4000 V

Insulation Resistance (20°C): e20M@mm

Environmental & Mechanical

Temperature Range (Fixed): -40°C to 80°C

Temperature Range (Occasional Movement): -5°C to 70°C

Min. Bending Radius (Fixed): 4D (D=cable diameter)

Min. Bending Radius (Moving): 12.5D (D=cable diameter)

Construction

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

Insulation: PVC

Jacket: PUR (Grey, RAL 7001)

Features

Key Features: Flame resistant (IEC60332-1), Oil resistant, Abrasion resistant, Anti-hydrolysis, Space-saving design