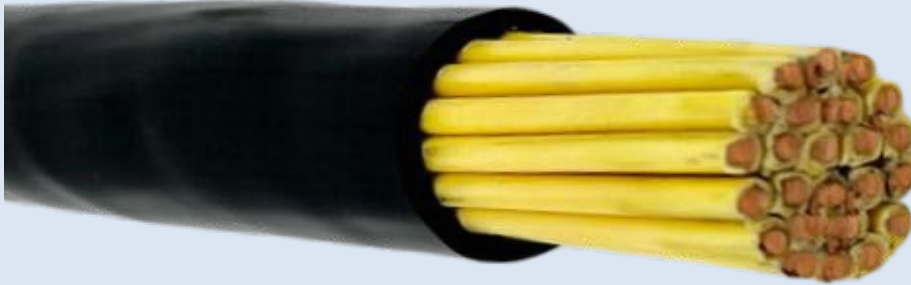




# 【 Control cables 】



## DESCRIPTION

Control cables are used for control and signal transmission in industrial equipment and automation systems. They feature multi-strand bare copper conductors with PVC insulation, paired with TPE inner sheath and foamed TPE outer sheath. Rated at 300V with a test voltage of 2000V, they operate reliably from -40°C to 80°C. The cables offer high flexibility, oil resistance, and stable electrical performance, suitable for various harsh industrial environments to ensure accurate signal and control command transmission.

## PARAMETER

Conductor Type	Bare copper strands, 41/0.16TS (compliant with VDE 0295 standard)
Insulation Material	PVC
Insulation Color	Customizable (black, red, blue, yellow, green, white, etc.)
Sheath Structure	TPE inner sheath + Foamed TPE (SD) outer sheath
Sheath Color	Black (standard), customizable
Rated Voltage	300V
Test Voltage	2000V
DC Resistance (20°C)	$\leq 23.2$ /km (18AWG)
Operating Temperature	-40°C ~ 80°C
Core Features	High flexibility, oil resistance, abrasion resistance, flame retardant
Application Scenario	Control & signal transmission for industrial equipment, automation systems