

AFM Control Cable 300 V

NTC 072

70 °C



Flexible Conductor

Made of tinned electrolytic copper wire, soft temper, class 4 stranding.

Insulation

PP 70 °C - Polypropylene thermoplastic compound

Coverage

PVC ST1 - Thermoplastic compound of polyvinyl chloride, in black color, flame resistant.

Identification

2 Conductors: White, Red

3 Conductors: White, Red, Black

4 Conductors: White, Red, Black, Blue

Shielding

In tinned copper wire mesh, with at least 85% coating.

Maximum temperatures at the conductor

- 70 °C in continuous service.
- 100 °C at overload.
- 160 °C in short circuit.

Implementation

Used in command, control and signaling circuits, in industrial and commercial installations, machine and equipment control in general.

When controlled circuits are sensitive to external interference, it is advisable to build a barrier under the core to ensure the quality of the conducted signals.

Construction Data*

Number of Conductors	Nominal Section (AWG)	Conductor Diameter (mm)	Thickness Insulation (mm)	Thickness Coverage (mm)	Outer Diameter (mm)	Approx mass (kg/km)	Standard Packaging	
							Roll (m)	Coil (m)
2	18	1,2	0,5	0,8	6,5	53,9	100	1000
3	18	1,2	0,5	0,8	6,9	66,3	100	1000
4	18	1,2	0,5	0,8	7,4	81,5	100	1000

*Data subject to change without prior notice