



JYDY

PVC/PVC flexible control cable

AUTOMATION AND MOTOR SUPPLY CABLES

The cable is designed for fixed connection of voice, control and security equipment in mining industry.



TECHNICAL DATA



Standard
TS ICS 14-2021



Test Voltage
1000 V / 50 Hz



Rated Voltage
300/500 V (U_o/U)



Bending radius (min.)
12 x \varnothing of cable



Fire properties
EN 60332-1-2: self-extinguishing and flame retardant



Core identification
White, blue, brown, yellow, green, black, red



Temperature range
Laying temperature: min. -5°C
Operating temperature: -25°C up to 60°C

DESIGN



- 1 Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 Cores are stranded in layers with optimal lay-length
- 4 Wrapping with plastic tape
- 5 Inner sheath of special compound based on polyvinyl chloride (PVC), colour: blue (RAL 5015)
- 6 Outer sheath of special compound based on polyvinyl chloride (PVC), colour: blue (RAL 5015)

Number of cores x nominal cross-section (mm ²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
7 x 0.5	12.7	34	221

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