



Construction

Conductor	Bare copper wire Diameter: 1x0,64mm (AWG22)
Insulation	Polyolefin Diameter: 2,5mm Colours: Red, Green
General assembly	Two insulated conductors twisted together as a pair
Screen	Aluminium/polyester tape Coverage: 100% + Tinned copper wire braid Coverage: 60%
Inner sheath	PVC Colour: Violet (RAL 4001)
Armour	Galvanized iron wire braid Coverage: 80%
Outer sheath	Polyethylene Colour: Black

Technical characteristics

Conductor resistance	60 Ohm/Km Max.
Insulation resistance	200 MOhm*Km Min.
Operating voltage	30 V
Test Voltage	500 V
Capacitance	30 pF/m
Impedance	150 Ohm
Transmission speed	12 Mbit/s (Max. 200m) 0,6 kbit/s (Max. 1000m)
Operating T^a	-10°C +80°C
Min. bending radius	15xD

Application

Bus cable for data transmission systems (Profibus DP) in industrial processes in fixed outdoor installations. When an additional mechanical protection is required (directly buried).



Constructive data

Code	NxS (mm ²)	Inner Ø (mm)	Ø (mm)	Weight (kg/km)
35100005	1x2x0,64 mm	7,9	11	143

Legend

Code	Cervi codification
NxS (mm²)	Number of conductors x Section (mm ²)
Inner Ø (mm)	Diameter under armour (mm)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)