CERVICOM PROFIBUS DP 1x2x0,64mm ARM Profibus DP Armoured





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.

30 V Operating voltage **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 Ta -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).



electromagnetic













Code: 35100005 Family: 351 Revision:

Date: 04/08/2017

Realized:

Approved:

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Constructive data

Code	NxS (mm2)	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 (mm2)

Inner Ø (mm) Diameter under armour (mm) Ø (mm) Aprox. outer diameter (mm)

Weight (kg/km) Approximate cable weight (kg/km)

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The shown image is illustrative and may not necessarily be a faithful reproduction of the cable design. Realized:

Code:

Family: 351 Revision: 1

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