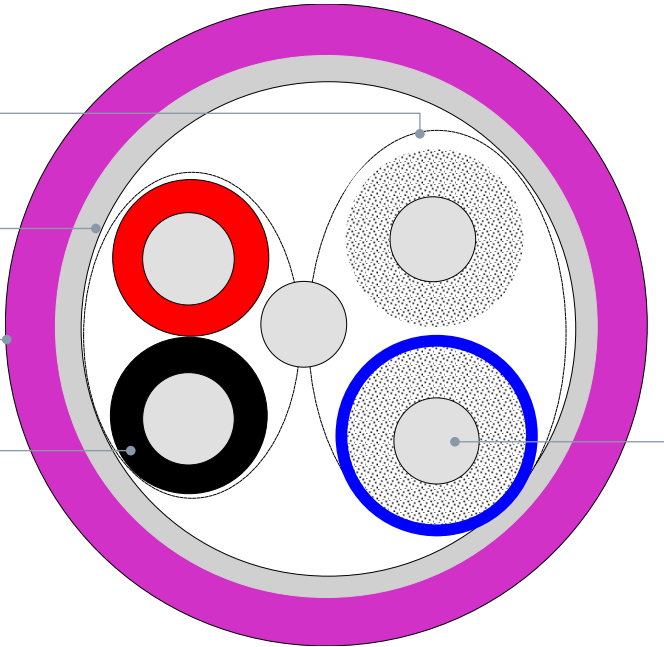


Conductor: Tinned multistrand copper Feeding 2x AWG 14 (19x0.36) Transmission 2x AWG 18 (19x0.25)
Outer sheath: PVC, couleur violet Outer diameter: 11.70 mm
Isolation: Power Supply: PE - Black/Red Cellular PE Transmission - Blue/White
Individual armor Aluminum/Polyester Tape Tinned copper mass drain
General shielding: Tinned copper braid Coverage: 70%



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PRODUCT INFORMATION

APPLICATION

DEVICE NET bus cable consisting of a shielded pair for data transmission and a power pair for module power supply.

FEATURES



Fire resistance
IEC 60332-1



Service temperature:
- 20°C → + 70 °C



Minimum radius of curvature:
Static: 10 x Ø
Dynamic: 15 x Ø.



Compliant with the RoHS Directive

ELECTRICAL PROPERTIES

Tension:	125 VAC (rms)
Test voltage:	700 V
Insulation resistance at 20°C:	> 5000 MΩ.km
Maximum linear resistance:	
- Nutrition:	11.8 Ω.km
- Transmission:	22.7 Ω.km
Impedance:	120 Ω +/- 12 Ω
Capacity cond./cond.:	39 pF/m
Nominal propagation speed:	80%
Maximum attenuation (transmission pair AWG18):	
- A 125 kHz (dB/100m) :	0.4
- A 500 kHz (dB/100m) :	0.8
- A 1 MHz (dB/100m) :	1.25