PROFIBUS PUR CABLE

PROFIBUS PUR 1x2x0.64/2.55



Reference: 10552895
Country Ref.: 13-DRX24X02P
EAN 13: 8054803126728

CONTACT

Market information
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Profibus cable with PUR jacket for drag chain applications, shielded, oil resistant, flame retardant MOTIONLINE® ADVANCED

STANDARDS

Product EN 60158; UL and CSA approval

Applications

Bus cable family facilitating interconnections for L2 BUS components.

Normative references
Oil resistant

IEC 50363-10-2

Flame retardant

IEC 60332-1-2; FT1; UL 1581; EN 50265-2-1

Operating temp.
-20 ... 80 °C

Storage temperature, range
-30 ... 80 °C

Oil resistance
EN 50363-10-2

Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

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CHARACTERISTICS

Construction characteristics	
Construction type	(1x2x0,64/2,55)C
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Green - Red
Material of filler / inner sheath	Thermoplastic material
Taping	Aluminium / Polyester tape
Shielding	80% tinned copper braid coverage
Separator	Non woven tape
Sheath colour	Violet RAL 4001
Outer sheath	PUR
Dimensional characteristics	
Copper content	27 kg/km
Outer Diameter	7.8 mm
Approximate weight	62 kg/km
Electrical characteristics	
Rated Voltage Uo/U	30 V
Test voltage	500 V
Characteristic impedance	150 Ohm
Transmission characteristics	
Attenuation at 9.6kHz	3 dB/1000m
Attenuation at 38.4kHz	4.5 dB/1000m
Attenuation at 4MHz	25 dB/1000m
Attenuation at 16 Mhz	49 dB/1000m
Mechanical characteristics	
Bending cycles	5 Mio.
Speed	240 m/min
Maximum acceleration	20 m/s²
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

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