USB 2.0/1.0 (90 OHM)

USB 3.0/2.0 (90 OHM) ((2xAWG28/19)+2xAWG20/19)C



Reference: 44491889

CONTACT

Market information
industryprojects.business@lynxeogroup.com

For extremely dynamic applications MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

For Premium dynamic application, screened cable, PUR sheath, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, Industry 4.0 ready.

Operating temp.
-30 ... 80 °C

Storage temperature, range
-40 ... 80 °C

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

Oil resistance
DIN EN 50363-10-2 & DIN EN 60811-404

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	((2xAWG28/19)+2xAWG20/19)C
Conductor material	Bending-resistant conductor with bare copper wires
Insulation	Polyolefin
Lay Up	Data pairs and power cores stranded with fillers
Insulation colour	White/Green, Black/Red
Taping	Plastic aluminium tape
Screen	Tinned copper braid, coverage ≥ 80%
Outer sheath	PUR
Sheath colour	Green RAL 6018
Dimensional characteristics	
Outer Diameter	4.9 mm
Copper content	26 kg/km
Approximate weight	39 kg/km
Electrical characteristics	
Rated Voltage Uo/U	30 V
Test voltage	500 V
Characteristic impedance	90 Ohm
Mechanical characteristics	
Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s²
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	DIN EN 50363-10-2 & DIN EN 60811-404

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