MOTIONLINE® SINGLE PAIR ETHERNET CABLE



For extremely dynamic applications MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Single twisted pair AWG 24/19 Ethernet cable: This interconnecting cable is used for the transmission of digital signals with a max. Frequency up to 600 MHz in automation application.

Transmission requirements with reference to IEC 61156-11.

Characteristics:

Polyolefin insulation, tinned copper braid and halogen free,flame retardant, oil resistant PUR sheath.

CONTACT

Market information
industryprojects.business@lynxeogroup.com

Halogen free	Operating temp.	Storage temperature, range	Flame retardant	Oil resistance
Yes	**-25 ... 80 °C**	**-5 ... 40 °C**	**UL 1581 FT2; IEC 60332-1-2**	**Yes**

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	(1x2xAWG24/19)C
Conductor material	Stranded bare copper
Insulation	Foam Skin Polymer
Lay Up	Two cores are twisted to a pair with fillers
Separator	Non-woven tape or foil permissible
Screen	Tinned copper braid, coverage ≥ 85%
Insulation colour	white, blue
Taping	Non-woven tape or foil permissible
Outer sheath	PUR
Sheath colour	Black
Halogen free	Yes
Dimensional characteristics	
Outer Diameter	4.5 mm
Copper content	20 kg/km
Approximate weight	36 kg/km
Electrical characteristics	
Rated Voltage Uo/U	30 V
Test voltage	500 V
Characteristic impedance	100 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	10 (xD)
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-5 ... 40 °C
Flame retardant	UL 1581 FT2; IEC 60332-1-2
Oil resistance	Yes

PRODUCT LIST

Reference	Country Ref.	Name
02YSC11Y	-	MOTIONLINE® SINGLE PAIR ETHERNET CABLE (1x2xAWG24/19)C

= Make to order, = In stock,

SELLING AND DELIVERY INFORMATION

Nexans Motionline SPE 1x2xAWG 24/19 E48408 AWM STYLE AWM II B 80°C 30V FT2 ww/jj

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