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EAN 13: 8054803127466

CONTACT

Market information
 industryprojects.business@lynxéogroup.com

Interconnecting fieldbus cables for static application

STANDARDS

Product UL and CSA approval

Applications

Bus cable family facilitating interconnections for L2 BUS components.

Normative references

UL/CSA

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



Bending factor installed
7.5 (xD)



Operating temp.
-20 ... 80 °C



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



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

CHARACTERISTICS

Construction characteristics

Construction type	(1x2x0,64/2,55)C
Conductor material	Bare copper
Insulation	Foam-skin
Insulation colour	Green - Red
Material of filler / inner sheath	Thermoplastic material
Taping	Aluminium / Polyester tape
Inner sheath	Thermoplastic compound
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Violet RAL 4001
Lay Up	-

Dimensional characteristics

Copper content	27 kg/km
Outer Diameter	7.8 mm
Approximate weight	62 kg/km

Electrical characteristics

Rated Voltage U _o /U	30 V
Test voltage	500 V
Characteristic impedence	150 Ohm

Transmission characteristics

Attenuation at 9.6kHz	2.5 dB/1000m
Attenuation at 38.4kHz	4 dB/1000m
Attenuation at 4MHz	22 dB/1000m
Attenuation at 16 Mhz	42 dB/1000m

Usage characteristics

Field of application	Static
Bending factor when installed	7.5 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1