



Data and signal transmission cables for extremely dynamic application, PUR jacket, unshielded, oil resistant, flame retardant, halogen free, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application, high flexible, oil resistance, halogen free

Applications:

- Tracksystems for tool machines
- Wood machines
- Automatic lines for assembly
- Handling
- Packaging
- Other applications with moderate stresses

CONTACT

Market information
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Halogen free
Yes



Operating temp.
 -30 ... 80 °C



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



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



Oil resistance
 EN 50363-10-2

CHARACTERISTICS**Construction characteristics**

Construction type	-
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	DIN 47100
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Grey RAL 7001
Halogen free	Yes

Dimensional characteristics

Conductor cross-section	- mm ²
Number of cores	-
Outer Diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

Electrical characteristics

Rated Voltage U ₀ /U	300 V
Test voltage	1500 V

Mechanical characteristics

Bending cycles	10 Mio.
Speed	600 m/min
Maximum acceleration	60 m/s ²

Usage characteristics

Field of application	Dynamic
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Minimum dynamic operating bending radius	6.5 (xD)
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-10-2