



Reference: 10555316
Country Ref.: F105018T100
EAN 13: 8054803078805

CONTACT

Market information
 industryprojects.business@lynxéogroup.com

Control cables for dynamic application up to 1000V, PVC jacket, unshielded, oil resistant, flame retardant, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application, high flexible, oil resistance.

Applications:

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

CHARACTERISTICS

Construction characteristics

Construction type	18G0,50
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black w. number + yellow/green
Taping	Non woven tape
Outer sheath	PVC
Sheath colour	Grey RAL 7001

Dimensional characteristics

Conductor cross-section	0.5 mm ²
Number of cores	18
Outer Diameter	10.2 mm
Approximate weight	148 kg/km



Operating temp.
-5 ... 80 °C



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



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



Oil resistance
EN 50363-4-1

Dimensional characteristics

Copper content	90 kg/km
----------------	----------

Electrical characteristics

Rated Voltage U ₀ /U	600 V
Test voltage	4000 V

Mechanical characteristics

Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	20 m/s ²

Usage characteristics

Field of application	Dynamic
Operating temperature, range	-5 ... 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 50363-4-1



Operating temp.
-5 ... 80 °C



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



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



Oil resistance
EN 50363-4-1