

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

STANDARDS

Product UL and CSA approval

LC Cablopower for continuous moving application, high flexible and oil resistant.

Applications:

- Tracksystem for tool machine
- wood machine
- automatic lines for assembly
- handling
- packaging
- other application with moderate stresses



CONTACT

Market information
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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

CHARACTERISTICS

Construction characteristics

Construction type	-
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

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

Electrical characteristics

Rated Voltage U ₀ /U	1000 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
Minimum dynamic operating bending radius	6.5 (xD)
Operating temperature, range	-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