CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

CABLOPOWER C 12 x 1.50 mm²

Reference: 10555121
Country Ref.: Q115012T200
EAN 13: 8054803082680

CONTACT

Market information
industryprojects.business@lynxeogroup.com

PVC-jacketed control cables with low capacity insulation for high dynamic applications, up to 1000V, PVC jacket, shielded, oil resistant, flame retardant, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application like energy-chains, use for applications demanding high flexibilty, Cablopower cable are oil resistance.

Applications:

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

CHARACTERISTICS

Construction characteristics	
Construction type	(12G1,5)C
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black w. number + yellow/green
Taping	Non woven tape
Shielding	85 ± 5% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Grey RAL 7001
Dimensional characteristics	
Conductor cross-section	1.5 mm²
Number of cores	12
Outer Diameter	12.9 mm

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

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Dimensional characteristics	
Approximate weight	281 kg/km
Copper content	213 kg/km
Electrical characteristics	
Rated Voltage Uo/U	1000 V
Test voltage	4000 V
Mechanical characteristics	
Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	20 m/s²
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

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Flame retardant
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