SINGLE CORE POWER CABLES - UNSHIELDED Y+G

SINGLE CORE POWER CABLES - GREEN/YELLOW 1x35



Reference: 49347117

CONTACT

Market information
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Single core power cables for extremely dynamic applications MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Single core power cables for extremely dynamic applications; PUR jacket, TPM insulation, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

Halogen free	Operating temp.	Storage temperature, range	Flame retardant	Oil resistance
Yes	**-30 ... 80 °C**	**-50 ... 80 °C**	**IEC 60332-1-2; UL 1581 FT1**	**DIN EN 50363-10-2 & DIN EN 60811-404**

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

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CHARACTERISTICS

Construction characteristics	
Construction type	1x35
Conductor material	Bending-resistant conductor with bare copper wires
Insulation	TPM with very low capacitance
Insulation colour	Yellow/Green
Outer sheath	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes
Dimensional characteristics	
Copper content	340 kg/km
Approximate weight	394 kg/km
Outer Diameter	12.4 mm
Electrical characteristics	
Rated Voltage Uo/U	0.6/1 kV
Test voltage	4000 V
Mechanical characteristics	
Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s²
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-50 ... 80 °C
Flame retardant	IEC 60332-1-2; UL 1581 FT1
Oil resistance	DIN EN 50363-10-2 & DIN EN 60811-404

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