



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, screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC - and halogen - free.

Reference: 49364060

**CONTACT**

Market information  
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Halogen free



Operating temp.  
 -30 ... 80 °C



Storage temperature, range  
 -50 ... 80 °C



IEC 60332 - 1 - 2; UL 1581 FT1



Oil resistance  
 DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404

## CHARACTERISTICS

	(1x6)C
	Bending - resistant conductor with bare copper wires
	TPM with very low capacitance
	Tinned copper braid, coverage 80%
	PUR
Sheath colour	Orange RAL 2003
Halogen free	
Copper content	77 kg/km
( )	115 kg/km
	8.1 mm
Rated Voltage U <sub>0</sub> /U	0.6/1 kV
	4000 V
Bending cycles	10 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s <sup>2</sup>
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
操作度范	- 30 ... 80 ° C
Storage temperature, range	- 50 ... 80 ° C
	IEC 60332 - 1 - 2; UL 1581 FT1
Oil resistance	DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404