



Single core power cables for extreme torsion applications MOTIONLINE® PREMIUM

### STANDARDS

Product UL and CSA approval

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

Reference: 49260510

### CONTACT

Market information  
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Halogen free



Operating temp.  
 -30 ... 80 °C



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



Oil resistance  
 IEC 60332 - 1 - 2; UL 1581 FT1  
 DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404



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### CHARACTERISTICS

	Bending - resistant conductor with bare copper wires	
		1x35
		TPM with very low capacitance
		PUR
Sheath colour		Black - RAL 9005
Halogen free		
		11.8 mm
Copper content		336 kg/km
( )		378 kg/km
Rated Voltage U <sub>o</sub> /U		0.6/1 kV
		4000 V
Torsion test max. +/- 4 turns for 10 meters		180 ° /m
Bending cycles		5 Mio.
Speed		180 ° / s
Field of application		Dynamic
操作度范		- 30 ... 80 ° C
Storage temperature, range		- 40 ... 80 ° C
		IEC 60332 - 1 - 2; UL 1581 FT1
Oil resistance		DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404