



Motor cables for extrem torsion applications MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Motor cables for extrem 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: 49251210

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 TPM with very low capacitance
Lay Up	Power cores stranded with filler and wrapped with tape
Insulation colour	Black w. number + yellow/green 3 x 25 PUR
Sheath colour	Black - RAL 9005
Halogen free	
	23.5 mm
Copper content	722 kg/km
()	941 kg/km
Rated Voltage U _o /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
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