



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.

CONTACT

Market information
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Halogen free



Operating temp.
 -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

CHARACTERISTICS

	Bending - resistant conductor with bare copper wires TPM with very low capacitance PUR
Sheath colour	Black - RAL 9005
Halogen free	
Rated Voltage Uo/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

PRODUCT LIST

Reference	Country Ref.	Name	[mm]	Copper content [kg/km]
☎ 49260410	-	SINGLE CORE POWER CABLES FOR ROBOT APPLICATION 1x25	1x25 10.3	240
☎ 49260510	-	SINGLE CORE POWER CABLES FOR ROBOT APPLICATION 1x35	1x35 11.8	336

☎ = Make to order, 📦 = In stock,