



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: 49260410

### CONTACT

Market information  
[industryprojects.business@lynxeogroup.com](mailto:industryprojects.business@lynxeogroup.com)



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	
		1x25
		TPM with very low capacitance
		PUR
Sheath colour		Black - RAL 9005
Halogen free		
		10.3 mm
Copper content		240 kg/km
( )		273 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