



Servo cables for extremely dynamic applications. MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Servo cables for extremely dynamic applications; PUR Jacket; screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC - and halogen - free.

Reference: 49493361
Country
Ref.: 6FX8008 - 1BB41 - Plus

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com



Halogen free



Operating temp.
-30 ... 80 °C



Storage temperature, range
-50 ... 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

	4G6 C
	Bending - resistant conductor with bare copper wires
	TPM with very low capacitance
Lay Up	Power cores stranded with filler
Insulation colour	Black - white marking U/L1/C/L + V/L2 W/L3/D/L - Yellow/Green
	Tinned copper braid, coverage 85%
	PUR
Sheath colour	Orange RAL 2003
Halogen free	
	14.4 mm
Copper content	265 kg/km
()	353 kg/km
Rated Voltage U _o /U	0.6/1 kV
	4000 V
Bending cycles	10 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s ²
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