



Servo cables for extremely dynamic applications. MOTIONLINE® PREMIUM

Servo cables for extremely dynamic applications; PUR jacket, TPE inner jacket, screened, 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
 -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

	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
	TPE compound, optimized for drag chain use
	PUR
Sheath colour	Orange RAL 2003
Halogen free	
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

PRODUCT LIST

Reference	Country Ref.	Name	[mm]	Copper content [kg/km]
☞	-	SERVO CABLE WITH INNER JACKET (4G1,5)C 4G1.5 C	10.4	86
☞	-	SERVO CABLE WITH INNER JACKET (4G2,5)C 4G2.5 C	11.9	129
☞	-	SERVO CABLE WITH INNER JACKET (4G6)C 4G6 C	15.7	269
☞	-	SERVO CABLE WITH INNER JACKET (4G10)C 4G10 C	18.6	450
☞	-	SERVO CABLE WITH INNER JACKET (4G25)C 4G25 C	27.3	1060
☞	-	SERVO CABLE WITH INNER JACKET (4G4)C 4G4 C	13.6	206
☞	-	SERVO CABLE WITH INNER JACKET (4G16)C 4G16 C	22.6	731

☞ = Make to order, ☐ = In stock,