



Hybrid cables for servo motors for extremely dynamic applications MOTIONLINE® PREMIUM

## STANDARDS

Product UL and CSA approval

Hybrid cables for servo motors 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.

## CONTACT

Market information  
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Halogen free



Operating temp.  
- 30 ... 80 °C



Storage temperature, range  
- 50 ... 80 °C



Oil resistance  
DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404 IEC 60332 - 1 - 2; UL 1581 FT1



## CHARACTERISTICS

	Bending - resistant conductor with bare copper wires TPM with very low capacitance
Insulation colour	Power: Blu - Br - Blk - Gn/Ye; Brake: Wht - Wht/Blk; Supply: Br/Gn - Wht/Gn; Communication: Gry - Pnk - Vio - Ye
Lay Up	power cores and control pairs stranded with filler
Individual screen	Signal shield: Tinned copper braid, coverage > =80% Tinned copper braid, coverage 80%
	TPE compound, optimized for drag chain use PUR
Sheath colour	Orange RAL 2003
Halogen free	
Rated Voltage Uo/U	0.6/1 kV 4000 V
Bending cycles	5 Mio.
Maximum acceleration	50 m/s <sup>2</sup>
Speed	300 m/min
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
Oil resistance	DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404 IEC 60332 - 1 - 2; UL 1581 FT1

## PRODUCT LIST

Reference	Country Ref.	Name	[mm]	Copper content [kg/km]
☎ 49391760	-	HYBRID CABLES ACC. TO HEIDENHAIN HMC6® STANDARD (4G1,5 + (2x1,0)C + (2x0,24 + 2x2x0,09)C)C	12.4	127
☎ 49391860	-	HYBRID CABLES ACC. TO HEIDENHAIN HMC6® STANDARD (4G4,0 + (2x1,0)C + (2x0,24 + 2x2x0,09)C)C	15.1	245

☎ = Make to order, 📦 = In stock,