



Servo cables for extremely dynamic applications. MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

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

CHARACTERISTICS

| | | |
|--|---|--|
| | | 4G1.5 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 | |
| | TPE compound, optimized for drag chain use | |
| | | PUR |
| Sheath colour | | Orange RAL 2003 |
| Halogen free | | |
| | Tinned copper braid, coverage | 80% |
| | | 10.4 mm |
| Copper content | | 86 kg/km |
| () | | 160 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 |