



Industrial Ethernet cables for extrem torsion applications MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Industrial Ethernet cables for extrem torsion applications; PUR jacket, TPM insulation, 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
 -40 ... 80 °C



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



Oil resistance
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CHARACTERISTICS

| | |
|---|---|
| | Bending - resistant conductor with bare copper wires TPM with very low capacitance |
| Lay Up | Cores twisted to pairs with fillers, Pairs twisted with fillers |
| Insulation colour | Please request detailed data sheet |
| | Screened foil and tinned copper spiral, coverage 90% PUR |
| Sheath colour | Green RAL 6018 |
| Halogen free | |
| Rated Voltage Uo/U | 30 V 500 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 |

PRODUCT LIST

| Reference | Country Ref. | Name | [mm] | Copper content [kg/km] |
|------------|--------------|---|---------------------------------------|------------------------|
| ☎ 44467479 | - | INDUSTRIAL ETHERNET CABLES FOR ROBOT APPLICATION (2x2x0,18)StD - Ethernet CAT5e | (2x2x0,18)StD - Ethernet CAT5e 7 | 21 |
| ☎ 44484670 | - | INDUSTRIAL ETHERNET CABLES FOR ROBOT APPLICATION (4x2x0,18)StD - Ethernet CAT5e | (4x2x0,18)StD - Ethernet CAT5e 7.6 | 30 |

☎ = Make to order, 📦 = In stock,