



Measuring systems cables for dynamic application MOTIONLINE®

STANDARDS

Product UL and CSA approval

For dynamic applications; PVC Jacket, screened,
resistant to oils and coolants, flame retardant.

CONTACT

Market information
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ogroup.com



Operating temp.
-15 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Flame retardant
IEC 60332-1-2; UL 1581 FT1



Oil resistance
EN 50363-4-1

CHARACTERISTICS

Construction characteristics

| | |
|--------------------|--|
| Conductor material | Bending-resistant conductor with tinned copper wires |
| Insulation | TPM with very low capacitance |
| Insulation colour | 1^ Pair: Green+Yellow; 2^ Pair: Pink+Blue |
| Taping | Copper/Polyester Tape |
| Screen | Tinned copper braid, coverage ≥ 85% |
| Outer sheath | PVC |
| Sheath colour | Grey |

Dimensional characteristics

| | |
|----------------|------|
| Outer Diameter | 7 mm |
|----------------|------|

Electrical characteristics

| | |
|---------------------------------|-------|
| Rated Voltage U ₀ /U | 30 V |
| Test voltage | 300 V |

Mechanical characteristics

| | |
|----------------------|---------------------|
| Maximum acceleration | 20 m/s ² |
| Bending cycles | 5 Mio. |
| Speed | 180 m/min |

Usage characteristics

| | |
|--|----------------------------|
| Field of application | Fixed installations |
| Minimum dynamic operating bending radius | 10 (xD) |
| Operating temperature, range | -15 ... 80 °C |
| Storage temperature, range | -40 ... 80 °C |
| Flame retardant | IEC 60332-1-2; UL 1581 FT1 |
| Oil resistance | EN 50363-4-1 |

PRODUCT LIST

| Reference | Country Ref. | Name | Construction type | Copper content [kg/km] | Approximate weight [kg/km] |
|------------|---------------|---|--------------------------|------------------------|----------------------------|
| ☎ 44499379 | 6FX5008-2DC00 | DRIVE CLiQ CABLE ACC. TO SIEMENS® STANDARD 6FX5008-2DC00 (2x(2x0,14)C+(2x0,34)C)C C+(2x0,34)C)C | (2x(2x0,14)C+(2x0,34)C)C | 32 | 62 |
| ☎ 44499779 | 6FX5008-2DC00 | DRIVE CLiQ CABLE ACC. TO SIEMENS® 6FX5008-2DC00 (2x(2x0,22)C+(2x0,38)C)C (2x(2x0,22)C+(2x0,38)C)C | (2x(2x0,22)C+(2x0,38)C)C | 37 | 66 |

☎ = Make to order, 📦 = In stock,