



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  
industryprojects.business@lynx<sup>eo</sup>  
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
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### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	300 V

### Mechanical characteristics

Maximum acceleration	20 m/s <sup>2</sup>
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,