



### CONTACT

Market information  
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Servo cables for high dynamic applications; PUR Jacket; screened, resistant to oils and coolants, flame retardant, resistant to hydrolysis and microbes, halogen-free.

### STANDARDS

**Product** UL and CSA approval

### DESIGN

**Conductor**

Bare copper

**Core insulation**

from 1,5 to 6 mm<sup>2</sup>: Polyolefin

**Core stranding**

Power cores stranded with fillers

Core identification

Power: Black num + Yellow / Green

Signal: Black - White

**Shield**

Total shield:

Tinned copper braid,

coverage >= 85%

**Jacket**

PVC

Colour:

Orange RAL 2003

### NORMATIVE REFERENCES

**Oil resistant**

IEC 50363-4-1

**Flame retardant**

IEC 60331-2-1; FT1; UL 1581; EN 50265-2-1

### CHARACTERISTICS

#### Construction characteristics

Conductor material

Bare copper

Insulation

Polyolefin



Operating temp.  
-10 ... 80 °C



Storage temperature, range  
-20 ... 80 °C



Oil resistance  
EN 50363-4-1



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

### Construction characteristics

Insulation colour	Black - white marking U/L1/C/L + V/L2 W/L3/D/L - Yellow/ Green
Lay Up	Power cores stranded with filler
Taping	Fleece Tape
Shielding	85% tinned copper braid - optical coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

### Electrical characteristics

Rated Voltage Uo/U	0.6/1 kV
Test voltage	4000 V

### Mechanical characteristics

Maximum acceleration	2 m/s <sup>2</sup>
Bending cycles	.1 Mio.
Speed	30 m/min

### Usage characteristics

Field of application	Fixed installations
Minimum dynamic operating bending radius	15 (xD)
Operating temperature, range	-10 ... 80 °C
Storage temperature, range	-20 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10553238	13-EPS15G04R-A1	(4G1,5)C	(4G1,5)C	8.0	97
10553229	13-EPS13G04R-A1	(4G2,5)C	(4G2,5)C	9.6	149
10553219	13-EPS11G04R-A1	(4G4)C	(4G4)C	11.0	217
10553208	13-EPS09G04R-A1	(4G6)C	(4G6)C	13.5	319

= Make to order, = In stock,

## SELLING AND DELIVERY INFORMATION

Marking: Lynxéo MOTIONLINE®



Operating temp.  
-10 ... 80 °C



Storage temperature, range  
-20 ... 80 °C



Oil resistance  
EN 50363-4-1



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