



CONTACT

Market information
industryprojects.business@lynxneo.com
ogroup.com

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 mm²: 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 ²
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: Lynxneo 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