



Reference: 10553262
Country Ref.: 13-EYS05G04R-A5
EAN 13: 8054803119706

CONTACT

Market information
 industryprojects.business@lynxgroup.com

Servo cables for dynamic applications, PVC jacket, shielded, resistant to oils flame retardant

STANDARDS

Product UL and CSA approval

Normative references

UL recognised / CSA
 AWM 80°C - 600V/1000V
 AWM 80°C - 600V/1000V FT1

Oil Resistance:

EN 50363-4-1

Flame Resistance:

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

CHARACTERISTICS

Construction characteristics

Construction type	(4G16)C
Conductor material	Stranded bare copper
Insulation	Polyolefin
Insulation colour	U/L1/C/L + V/L2 W/L3/D/L - Yellow/Green
Lay Up	Power cores stranded with filler
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

Dimensional characteristics

Nominal outer diameter	21.6 mm
------------------------	---------



Operating temp.
-15 ... 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

Dimensional characteristics

Copper content	833 kg/km
Approximate weight	950 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	0.6/1 kV
Test voltage	4000 V

Mechanical characteristics

Maximum acceleration	15 m/s ²
Bending cycles	10 Mio.
Speed	180 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 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



Operating temp.
-15 ... 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