



**Reference:** 13-EYSA5G04R-A5  
**Country Ref.:** 13-EYSA5G04R-A5

**CONTACT**

Market information  
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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	(4G150)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	61.0 mm
Copper content	7060 kg/km



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

<b>Dimensional characteristics</b>	
Approximate weight	6600 kg/km
<b>Electrical characteristics</b>	
Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Test voltage	4000 V
<b>Mechanical characteristics</b>	
Maximum acceleration	15 m/s <sup>2</sup>
Bending cycles	10 Mio.
Speed	180 m/min
<b>Usage characteristics</b>	
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  
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Oil resistance  
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Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1