



**Reference:** 13-EYSA3G04R-A5  
**Country Ref.:** 13-EYSA3G04R-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	(4G95)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	49.7 mm
Copper content	4794 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

**Dimensional characteristics**

Approximate weight 5300 kg/km

**Electrical characteristics**

Rated Voltage U<sub>0</sub>/U 0.6/1 kV

Test voltage 4000 V

**Mechanical characteristics**

Maximum acceleration 15 m/s<sup>2</sup>

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

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