



Reference: 13-ETC09Z06R-11

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CONTACT

Market information
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Servo Tray cables with control pair, UL Listed for dynamic application, Special PVC compound jacket, shielded, resistant to oils, flame retardant, suitable for direct burial

STANDARDS

Product UL and CSA listing

Approvals

- UL MTW
- UL TC-ER 90°C 600V
- UL WTTTC 90°C 1000V
- UL DP-1
- UL AWM 600V
- C(UL) CIC/TC (where required)

Oil resistance

Oil resistant I

Flame retardant

UL 1581 section 1160 and CSA FT4

Nominal Voltage

- UL AWM 600V
- UL TC-ER / MTW 600V
- UL WTTTC 1000V

CHARACTERISTICS

Construction characteristics

Construction type	(4G6 + (2x1.0)C)C
Conductor material	Soft annealed copper
Insulation	PVC compound
Individual sheath	Nylon jacketing compound
Insulation colour	Power: Black num 1-3 + Green/Yellow; Signal: Black-White
Lay Up	Power conductors and signal pair twisted together. Fillers where required



Operating temp.
 -5 ... 80 °C



Storage temperature, range
 -40 ... 80 °C



Oil resistance
 Oil resistance I



Flame retardant
 UL 1581 SEC. 1160 AND CSA FT4

Construction characteristics	
Taping	Non woven tape
Individual screen	Signal shield: Tinned copper braid, coverage >=80%
Shielding	80% tinned copper braid coverage
Outer sheath	Special PVC compound
Sheath colour	Orange RAL 2003
Dimensional characteristics	
Nominal outer diameter	16.5 mm
Copper content	364 kg/km
Approximate weight	520 kg/km
Electrical characteristics	
Rated Voltage U ₀ /U	0.6/1 kV
Test voltage	2000 V
Mechanical characteristics	
Maximum acceleration	10 m/s ²
Bending cycles	3 Mio.
Speed	240 m/min
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-5 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	Oil resistance I
Flame retardant	UL 1581 SEC. 1160 AND CSA FT4



Operating temp.
-5 ... 80 °C



Storage temperature, range
-40 ... 80 °C



Oil resistance
Oil resistance I



Flame retardant
UL 1581 SEC. 1160 AND CSA FT4