



**Reference:** 13-ETU13Z06R-11  
**Country Ref.:** 13-ETU13Z06R-11

**CONTACT**

Market information  
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Servo Tray cables with control pair, UL Listed for dynamic application, Special PVC compound jacket, unshielded, 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 WTTC 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 WTTC 1000V

**CHARACTERISTICS**

**Construction characteristics**

Construction type	4G2,5 + (2x0,5)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



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**

Lay Up	Power conductors and signal pair twisted together. Fillers where required
Taping	Non woven tape
Individual screen	Signal shield: Tinned copper braid, coverage $\geq 80\%$
Outer sheath	Special PVC compound
Sheath colour	Orange RAL 2003

**Dimensional characteristics**

Nominal outer diameter	12.1 mm
Copper content	151 kg/km
Approximate weight	253 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Test voltage	2000 V

**Mechanical characteristics**

Maximum acceleration	10 m/s <sup>2</sup>
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