



Reference: 13-ETU05Z06R-11
Country Ref.: 13-ETU05Z06R-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	4G16 + (2x1,0)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	22.1 mm
Copper content	691 kg/km
Approximate weight	973 kg/km

Electrical characteristics

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

Mechanical characteristics

Maximum acceleration	5 m/s ²
Bending cycles	3 Mio.
Speed	180 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (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



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-40 ... 80 °C



Oil resistance
Oil resistance I



Flame retardant
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