



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

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%
Outer sheath	Special PVC compound
Sheath colour	Orange RAL 2003

Electrical characteristics

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

Mechanical characteristics

Bending cycles	3 Mio.
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Usage characteristics

Field of application	Dynamic
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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Maximum acceleration [m/s ²]
☎ 13-ETU17Z06R-11	13-ETU17Z06R-11	SERVO TRAY CABLES 4G1,0+(2x1,5)C	4G1 + (2x1,5)C	10.8	10
☎ 13-ETU15Z06R-11	13-ETU15Z06R-11	SERVO TRAY CABLES 4G1,5+(2x1,5)C	4G1,5 + (2x1,5)C	11.2	10
☎ 13-ETU13Z06R-11	13-ETU13Z06R-11	SERVO TRAY CABLES 4G2,5+(2x0,5)C	4G2,5 + (2x0,5)C	12.1	10
☎ 13-ETU11Z06R-11	13-ETU11Z06R-11	SERVO TRAY CABLES 4G4+(2x1,0)C	4G4 + (2x1,0)C	13.4	10
☎ 13-ETU09Z06R-11	13-ETU09Z06R-11	SERVO TRAY CABLES 4G6+(2x1,0)C	4G6 + (2x1,0)C	15.7	10
☎ 13-ETU07Z06R-11	13-ETU07Z06R-11	SERVO TRAY CABLES 4G10+(2x1,0)C	4G10 + (2x1,0)C	19.9	10
☎ 13-ETU05Z06R-11	13-ETU05Z06R-11	SERVO TRAY CABLES 4G16+(2x1,0)C	4G16 + (2x1,0)C	22.1	5
☎ 13-ETU03Z06R-11	13-ETU03Z06R-11	SERVO TRAY CABLES 4G25+(2x1,0)C	4G25 + (2x1,0)C	28.4	5
☎ 13-ETU02Z06R-11	13-ETU02Z06R-11	SERVO TRAY CABLES 4G35+(2x1,0)C	4G35 + (2x1,0)C	32.0	5

☎ = Make to order, 📦 = In stock,



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