



### CONTACT

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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) C1C/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

#### 结构特性

导体材料

Soft annealed copper

绝缘

PVC compound

Individual sheath

Nylon jacketing compound

绝缘色

Power: Black num 1-3 + Green/Yellow; Signal: Black-White

绞合

Power conductors and signal pair twisted together. Fillers where required



操作温度  
-5 ... 80 ° C



存储温度范围  
-40 ... 80 ° C



耐油  
Oil resistance I



阻燃 - 火焰  
UL 1581 SEC. 1160 AND CSA FT4

### 结构特性

Taping	Non woven tape
线对屏蔽	Signal shield: Tinned copper braid, coverage $\geq 80\%$
屏蔽	80% tinned copper braid coverage
外护套	特殊聚氯乙烯
护套颜色	Orange RAL 2003

### 电气特性

Rated Voltage U <sub>0</sub> /U	0.6/1 kV
测试电压	2000 V

### 机械特性

弯曲循环	3 Mio.
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### 使用特性

应用类型	动态
操作温度范围	-5 ... 80 ° C
存储温度范围	-40 ... 80 ° C
耐油	Oil resistance I
阻燃 - 火焰	UL 1581 SEC. 1160 AND CSA FT4

### PRODUCT LIST

Reference	Country Ref.	Name	结构类型	标称外径 [mm]	Maximum acceleration [m/s <sup>2</sup> ]
☎ 13-ETC17Z06R-11	13-ETC17Z06R-11	SERVO TRAY CABLES (4G1,0 +2x1,5)C	(4G1,0 + (2x1,5) C)C	11.5	10
☎ 13-ETC15Z06R-11	13-ETC15Z06R-11	SERVO TRAY CABLES (4G1,5 +2x1,5)C	(4G1,5 + (2x1,5) C)C	11.9	10
☎ 13-ETC13Z06R-11	13-ETC13Z06R-11	SERVO TRAY CABLES (4G2,5 +2x0,5)C	(4G2,5 + (2x0,5) C)C	12.9	10
☎ 13-ETC11Z06R-11	13-ETC11Z06R-11	SERVO TRAY CABLES (4G4 +2x1,0)C	(4G4 + (2x1,0) C)C	14.2	10
☎ 13-ETC09Z06R-11	13-ETC09Z06R-11	SERVO TRAY CABLES (4G6 +2x1,0)C	(4G6 + (2x1,0) C)C	16.5	10
☎ 13-ETC07Z06R-11	13-ETC07Z06R-11	SERVO TRAY CABLES (4G10 +2x1,0)C	(4G10 + (2x1,0) C)C	20.7	10
☎ 13-ETC05Z06R-11	13-ETC05Z06R-11	SERVO TRAY CABLES (4G16 +2x1,0)C	(4G16 + (2x1,0) C)C	23.2	5
☎ 13-ETC03Z06R-11	13-ETC03Z06R-11	SERVO TRAY CABLES (4G25 +2x1,0)C	(4G25 + (2x1,0) C)C	29.4	5

☎ = Make to order, ☐ = In stock,



操作温度  
-5 ... 80 ° C



存储温度范围  
-40 ... 80 ° C



耐油  
Oil resistance I



阻燃 - 火焰  
UL 1581 SEC. 1160 AND CSA FT4

Reference	Country Ref.	Name	结构类型	标称外径 [mm]	Maximum acceleration [m/s <sup>2</sup> ]
☎ 13-ETC02Z06R-11	13-ETC02Z06R-11	SERVO TRAY CABLES (4G35 + 2x1, 0) C	(4G35 + (2x1, 0) C) C	33.0	5

☎ = Make to order, 📦 = In stock,



操作温度  
-5 ... 80 ° C



存储温度范围  
-40 ... 80 ° C



耐油  
Oil resistance I



阻燃 - 火焰  
UL 1581 SEC. 1160 AND CSA FT4