



### CONTACT

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Servo cables for dynamic applications, PVC jacket, shielded, resistant to oils  
flame retardant

### STANDARDS

Product UL and CSA approval

#### Normative references

UL recognised / CSA  
AWM 80° C - 600V/1000V  
AWM 80° C - 600V/1000V FT1

#### Oil Resistance:

EN 50363-4-1

#### Flame Resistance:

IEC 60331-1-2; FT1; UL 1581; EN 50265-2-1

## CHARACTERISTICS

### 结构特性

导体材料	Stranded bare copper
绝缘	聚烯烃
绝缘色	U/L1/C/L + V/L2 W/L3/D/L - Yellow/Green
绞合	Power cores stranded with filler
Taping	Non woven tape
屏蔽	80% tinned copper braid coverage
外护套	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	4000 V

### 机械特性

Maximum acceleration	15 m/s <sup>2</sup>
弯曲循环	10 Mio.
速度	180 m/min



操作温度  
-15 ... 80 ° C



存储温度范围  
-20 ... 80 ° C



耐油  
EN 50363-4-1



阻燃 - 火焰  
IEC/EN 60332-1-2; FT1; UL 1581 FT1

## 使用特性

应用类型	动态
最小弯曲半径 - 动态	10 (xD)
操作温度范围	-15 ... 80 ° C
存储温度范围	-20 ... 80 ° C
耐油	EN 50363-4-1
阻燃 - 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1

## PRODUCT LIST

Reference	Country Ref.	Name	结构类型	标称外径 [mm]	铜含量 [kg/km]
10553282	13-EYS15G04R-A5	13-EYS (4Gx1, 50) C	(4G1, 5) C	9.1	91
10553278	13-EYS13G04R-A5	13-EYS (4Gx2, 50) C	(4G2, 5) C	10.6	145
10553275	13-EYS11G04R-A5	13-EYS (4Gx4) C	(4G4) C	11.9	215
10553273	13-EYS09G04R-A5	13-EYS (4Gx6) C	(4G6) C	14.5	335
10553268	13-EYS07G04R-A5	13-EYS (4Gx10) C	(4G10) C	17.5	532
10553262	13-EYS05G04R-A5	13-EYS (4Gx16) C	(4G16) C	21.6	833
10553256	13-EYS03G04R-A5	13-EYS (4Gx25) C	(4G25) C	25.2	1210
10553253	13-EYS02G04R-A5	13-EYS (4Gx35) C	(4G35) C	28.6	1638
13-EYSA1G04R-A5	13-EYSA1G04R-A5	13-EYS (4Gx50) C	(4G50) C	33.4	2393
13-EYSA2G04R-A5	13-EYSA2G04R-A5	13-EYS (4Gx70) C	(4G70) C	42.0	3440
13-EYSA3G04R-A5	13-EYSA3G04R-A5	13-EYS (4Gx95) C	(4G95) C	49.7	4794
13-EYSB2G04R-A5	13-EYSB2G04R-A5	13-EYS (4Gx120) C	(4G120) C	54.0	5745
13-EYSA5G04R-A5	13-EYSA5G04R-A5	13-EYS (4Gx150) C	(4G150) C	61.0	7060
13-EYSB1G04R-A5	13-EYSB1G04R-A5	13-EYS (4Gx185) C	(4G185) C	64.2	8596

= Make to order, = In stock,



操作温度  
-15 ... 80 ° C



存储温度范围  
-20 ... 80 ° C



耐油  
EN 50363-4-1



阻燃 - 火焰  
IEC/EN 60332-1-2; FT1; UL 1581 FT1