



## CONTACT

Market information  
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Servo cables with control pair 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

IEC 50363 - 4 - 1

Flame retardant

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

## CHARACTERISTICS

	Stranded bare copper
Insulation colour	Power: U/L1/C/L+ V/L2 W/L3/D/L - Ye/GN; Signal: Black - White
Lay Up	power cores and control pairs stranded with filler
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Sheath colour	Orange RAL 2003
Rated Voltage U <sub>0</sub> /U	0.6/1 kV 4000 V
Maximum acceleration	15 m/s <sup>2</sup>
Bending cycles	5 Mio.
Speed	180 m/min
Field of application	Dynamic



Operating temp.  
-15 ... 80 ° C



Storage temperature, range  
-20 ... 80 ° C



Oil resistance  
EN 50363 - 4 - 1



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

Minimum dynamic operating bending radius	10 (xD)
操作度范	- 15 ... 80 °C
Storage temperature, range	- 20 ... 80 °C
Oil resistance	EN 50363 - 4 - 1
IEC/EN 60332 - 1 - 2; FT1; UL 1581 FT1	

## PRODUCT LIST

Reference	Country Ref.	Name	Nominal outer diameter [mm]	Copper content [kg/km]	
13 - EYS02Z06R - A5	13 - EYS02Z06R - A5	13 - EYS (4G35 + (2x1,5)C)C	(4G35 + (2x1.5)C)C	30.9	1570
10553259	13 - EYS03Z06R - A5	13 - EYS (4G25 + (2x1,5)C)C	(4G2.5 + (2x1.5)C)C	26.6	1166
10553265	13 - EYS05Z06R - A5	13 - EYS (4G16 + (2x1,5)C)C	(4G16 + (2x1.5)C)C	23.1	803
10553272	13 - EYS07Z06R - A5	13 - EYS (4G10 + (2x1,5)C)C	(4G10 + (2x1.5)C)C	19.4	560
10553274	13 - EYS09Z06R - A5	13 - EYS (4G6 + (2x1,5)C)C	(4G6 + (2x1.5)C)C	16.8	364
10553277	13 - EYS11Z06R - A5	13 - EYS (4G4 + (2x1,5)C)C	(4G4 + (2x1.5)C)C	14.8	272
10553281	13 - EYS13Z06R - A5	13 - EYS (4G2,50 + (2x1,5)C)C	(4G2.5 + (2x1.5)C)C	13.4	204
10553284	13 - EYS15Z06R - A5	13 - EYS (4G1,50 + (2x1,5)C)C	(4G1.5 + (2x1.5)C)C	11.6	155
13 - EYS01Z06R - A5	13 - EYS01Z06R - A5	13 - EYS (4G50 + (2x1,5)C)C	(4G50 + (2x1.5)C)C	34.0	2299

= Make to order, = In stock,



Operating temp.  
- 15 ... 80 °C



Storage temperature, range  
- 20 ... 80 °C



Oil resistance  
EN 50363 - 4 - 1



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