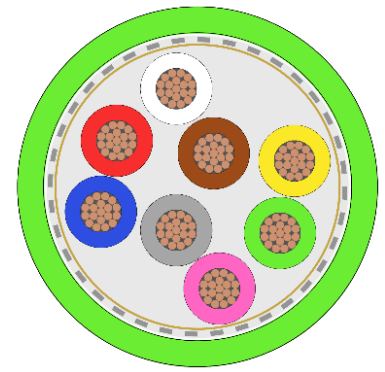


TEAM SERVO MOBILE

SS4X2X0,25 PUR

AWM Style 20233 (80°C / 300V)



Conductor

Stranded bare copper wire 0,10mm; Nom. 0,25mm² – AWG24; nominal diameter 0,60mm; Cl.6 VDE0295.
Lay agree with UL 758 tab 5,9; conform to EN 13602 – ETP1, DIN 40500 E-Cu 58.

Pairs Assembly

Eight cores stranded in four pairs; Colours pairs: (White-Brown) – (Green-Yellow) – (Grey-Pink) – (Red-Blue).

Shield

Braid type; Tin copper wire 0,10mm; Nominal optical coverage 85%.

Jacket

PUR (ether base); 90ShA; diameter 7,20 ±0,25mm; Colour Green similar RAL6018; Conform to UL AWM Style 20236.

Physical

Operating temperature range: -40°C to +80°C (fixed)
Operating temperature range: -25°C to +80°C (flex)
Minimum bending radius: 4 x D (fixed)
Minimum bending radius: 9,5 x D (flex)
Microbe and UV resistant: yes
Hydrolysis resistant: yes

Insulation

PP compound; Nominal diameter 1,10mm; Colour as for DIN47100.

Total Assembly

Four pairs stranded together around a central filler; some filler could be used for a better roundness (see sketch).

Protective Tape

Nonwovens tape (TNT) under and over shield.

Electrical

Operating voltage: 300 Vrms
Voltage test: 2000 Vac
Max conductor resistance: 85,8 Ω/Km (IEC60344)

Chemical

Oil resistant: yes (UL758)
Hydraulic fluid, coolant emulsifier, alkali: resistant to large extent
Silicone, Pb, Cd, Hg, FCKW free: yes
Halogen free: yes (CEI EN 60754-1 / VDE 0482-754-1)



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Flame

Flame resistant: UL Cable flame test; CSA FT1; IEC 60332-1-2

Movement Data @20°C

Bending cycles: 10 Mio (20 Mio bends)

Max speed: 300 m/min

Max acceleration: 50 m/sec²

Torsion (@25°C): max ±180°/m; optimal-recommended ±30°/m

Name	Cable Type	Ø mm	Tolerance
SS4X2X0,25	4 x 2 x 0,25	7,2	±0,25 mm

