

## Sapflex PS-45 Servo PUR



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Highly flexible Power & control cable for constant moving applications under heavy duty conditions. The cable is halogen-free, flame-retardant and resistant to most chemicals used in industrial environment with higher number of cycles up to 10 million.

- PUR outer jacket.
- Flame-retardant
- For high duty flexing applications
- Oil and bio-oil-resistant
- Bending Radius :-  $7.5 \times d$
- Temperature :-  $+23\text{ }^{\circ}\text{F}$  to  $+158\text{ }^{\circ}\text{F}$  ( $-5\text{ }^{\circ}\text{C}$  to  $+100\text{ }^{\circ}\text{C}$ )
- Shielded
- Hydrolysis and microbe-resistant

**Travel Distance :-** Unsupported travel distances up to 400 m) for Outdoor application Class 6

**Insulation :-** Mechanically high-quality TPE

**Colour code :-** Orange (RAL 2003)

**Construction :-** Conductors cabled with an optimised pitch length

**Conductor :-** Conductor consisting of bare copper wires as per (DIN EN 50363).

**Outer Jacket :-** Low-adhesion mixture on the basis of PUR, adapted to suit the requirements in Drag chain, as per IEC 60332-1-2.

**Standard:-** Siemens Standard 6FX8008+ (for only Reference)

**Nominal voltage 1100 v**

**Test voltage 4000 v**

- For high mechanical load requirements,
- Unsupported travel distances and for gliding applications up to 400 m,
- Without influence of oil,
- Torsion  $\pm 90^{\circ}$ , with 3.281ft (1m) cable length,
- Preferably indoor and outdoor applications
- Wood/stone processing, Machinetools, Packaging industry, supply systems, Handling, adjusting equipment





Part No.	Part Name	Ø [mm]	Cu [kg/km]	G [kg]
045285	[4G1.5] OG cUL - 6FX8008-1BB11	9	90	159
045286	[4G2.5] OG cUL - 6FX8008-1BB21	10.7	135	235
045287	[4G4] OG cUL - 6FX8008-1BB31	12.0	205,5	323
045288	[4G6] OG cUL - 6FX8008-1BB41	14.8	315	464
045289	[4G10] OG cUL - 6FX8008-1BB51	17.6	488	672
045290	[4G16] OG cUL - 6FX8008-1BB61	21.7	769	1089
045291	[4G25] OG cUL - 6FX8008-1BB25	25.4	1100	1523
045292	[4G35] OG cUL - 6FX8008-1BB35	29.7	1510	2080
045293	[4G50] OG cUL - 6FX8008-1BB50	33.5	2130	2710
045294	[4G70] OG cUL - 6FX8008-1BB70	42.5	3025	4123
045295	[4G1.5 + (2X1.5)] OG - 6FX8008-1BA11	11.6	163,5	244
045296	[4G2.5 + (2X1.5)] OG - 6FX8008-1BA21	13.4	189	310
045297	[4G4 + (2X1.5)] OG - 6FX8008-1BA31	14.9	260,5	408
045298	[4G6 + (2X1.5)] OG - 6FX8008-1BA41	16.8	365	540
045299	[4G10 + (2X1.5)] OG - 6FX8008-1BA51	20.0	560	782
045300	[4G16 + (2X1.5)] OG - 6FX8008-1BA61	22.5	816	1101
045301	[4G25 + (2X1.5)] OG - 6FX8008-1BA25	26.2	1172	1490
045302	[4G35 + (2X1.5)] OG - 6FX8008-1BA35	29.8	1595	2015
045303	[4G50 + (2X1.5)] OG - 6FX8008-1BA50	34	2214	2754



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Sapflex Kabel Solutions Ltd.

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<b>Ø</b>	<b>outer diameter approx.</b>
<b>Cu</b>	<b>Copper weight (GER)</b>
<b>G</b>	<b>net weight per 1000</b>



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For Current Information See : [www.sapflexkabel.com](http://www.sapflexkabel.com) // [www.cksindia.co.in](http://www.cksindia.co.in)

