

SERVO cable FABER[®] EFK Servo-CP



Application: Low-capacitance connection cable between servo controller and frequency driven motor. For application in machine tools and drag chains with medium mechanical stress. Please pay attention to our instructions for the use of drag chain cables on our website.

Siemens part numbers (6FX...) are registered trade marks of Siemens AG and used only as reference.

Construction and technical data:

Standard:	Siemens Standard 6FX8008+
Specification/Standard:	UL/CSA
Conductor material:	copper, bare
Conductor construction:	Class 6 = very flexible
Insulation:	polypropylene
Screen:	tinned copper braid
Screen coverage:	85 %
Sheathing material:	polyurethan
Colour of outer sheath:	orange RAL 2003 (DESINA)
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
UV-resistant:	yes
Oil-resistant:	EN 60811-404
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-40 - +80 °C
Bending radius, fixed installation:	5 x Ø
Bending radius, moving application:	7.5 x Ø
Bending cycles, max.:	5 Mio.
Moving distance, max.:	100 m



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FABER[®] EFK Servo-CP Siemens (Drag chain cable)

Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 4 kV

Core identification: acc. to Siemens-specification

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035285	[4G1.5] OG cUL - 6FX8008-1BB11		9	90	159
035286	[4G2.5] OG cUL - 6FX8008-1BB21	7.98	10.6	135	235
035287	[4G4] OG cUL - 6FX8008-1BB31	4.95	11.9	205.5	323
035288	[4G6] OG cUL - 6FX8008-1BB41	3.3	14.7	315	464
035289	[4G10] OG cUL - 6FX8008-1BB51		17.5	488	672
035290	[4G16] OG cUL - 6FX8008-1BB61		21.6	769	1089
035291	[4G25] OG cUL - 6FX8008-1BB25	0.78	25.4	1100	1523
035292	[4G35] OG cUL - 6FX8008-1BB35	0.554	29.7	1510	2080
035293	[4G50] OG cUL - 6FX8008-1BB50	0.386	33.4	2130	2710
035294	[4G70] OG cUL - 6FX8008-1BB70	0.272	42.5	3025	4123
035295	[4G1.5 + (2X1.5)] OG cUL - 6FX8008-1BA11		11.6	163.5	244
035296	[4G2.5 + (2X1.5)] OG cUL - 6FX8008-1BA21	7.98	13.4	189	310
035297	[4G4 + (2X1.5)] OG cUL - 6FX8008-1BA31	4.95	14.8	260.5	408
035298	[4G6 + (2X1.5)] OG cUL - 6FX8008-1BA41	3.3	16.8	365	540
035299	[4G10 + (2X1.5)] OG cUL - 6FX8008-1BA51		19.9	560	782
035300	[4G16 + (2X1.5)] OG cUL - 6FX8008-1BA61		22.5	816	1101
035301	[4G25 + (2X1.5)] OG cUL - 6FX8008-1BA25	0.78	26.2	1172	1490
035302	[4G35 + (2X1.5)] OG cUL - 6FX8008-1BA35	0.554	29.8	1595	2015
035303	[4G50 + (2X1.5)] OG cUL - 6FX8008-1BA50	0.386	34	2214	2754

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000