

# Servo cable

## FABER<sup>®</sup> EFK Servo-CY



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** Low capacity 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.

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

### Construction and technical data:

<b>Standard:</b>	Siemens Standard 6FX5008+
<b>Specification/Standard:</b>	UL/CSA
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 6 = very flexible
<b>Insulation:</b>	polypropylene
<b>Screen:</b>	tinned copper braid
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	orange RAL 2003 (DESINA)
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Oil-resistant:</b>	EN 60811-404
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-15 - +80 °C
<b>Bending radius, fixed installation:</b>	5 x Ø
<b>Bending radius, moving application:</b>	7.5 x Ø
<b>Bending cycles, max.:</b>	1 Mio.
<b>Operating speed:</b>	300 m/min.
<b>Moving distance, max.:</b>	10 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.*

## Servo-CY+ Servo cables for drag chains

<b>Nominal voltage U<sub>o</sub>:</b>	0.6 kV
<b>Nominal voltage U:</b>	1 kV
<b>Test voltage:</b>	4 kV
<b>Core identification:</b>	acc. to Siemens-specification

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
036414	[4G1.5] OG cUL - 6FX5008-1BB11 LC	8.6	94	131
036415	[4G2.5] OG cUL - 6FX5008-1BB21 LC	9.5	135	196
036416	[4G4] OG cUL - 6FX5008-1BB31 LC	10.7	205,5	278
036417	[4G6] OG cUL - 6FX5008-1BB41 LC	14.4	315	374
036418	[4G10] OG cUL - 6FX5008-1BB51 LC	17.5	488	648
036419	[4G16] OG cUL - 6FX5008-1BB61 LC	21.2	769	1046
036420	[4G25] OG cUL - 6FX5008-1BB25 LC	25.2	1110	1640
036421	[4G35] OG cUL - 6FX5008-1BB35 LC	29.2	1510	2310
036422	[4G50] OG cUL - 6FX5008-1BB50 LC	34	2247	3240
036423	[4G70] OG cUL - 6FX5008-1BB70 LC	38	3025	4536
036424	[4G1.5 + (2X1.5)] OG cUL - 6FX5008-1BA11 LC	11	163,5	248
036425	[4G2.5 + (2X1.5)] OG cUL - 6FX5008-1BA21 LC	12.7	189	310
036426	[4G4 + (2X1.5)] OG cUL - 6FX5008-1BA31 LC	14	260,5	391
036427	[4G6 + (2X1.5)] OG cUL - 6FX5008-1BA41 LC	16	365	504
036428	[4G10 + (2X1.5)] OG cUL - 6FX5008-1BA51 LC	19.8	560	790
036429	[4G16 + (2X1.5)] OG cUL - 6FX5008-1BA61 LC	21.8	816	1113
036430	[4G25 + (2X1.5)] OG cUL - 6FX5008-1BA25 LC	25.6	1172	1563
036431	[4G35 + (2X1.5)] OG cUL - 6FX5008-1BA35 LC	29.5	1595	2018
036432	[4G50 + (2X1.5)] OG cUL - 6FX5008-1BA50 LC	34.5	2750	2835

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000