Drag chain cable
FABER® EFK Feedback-CP

Application: Connection cable between encoder/resolver and servo controller. 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 = extra finely stranded - DIN EN IEC 60228 (VDE 0295)
Insulation:	polypropylene
Screen:	tinned copper braid
Screen coverage, approx.:	85 %
Sheathing material:	polyurethan
Colour of outer sheath:	green RAL 6018 (DESINA)
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
UV-resistant:	yes
Oil-resistant:	DIN EN 60811-404 / VDE 0473-811-404 / IEC 60811-404
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-40 - +80 °C
Min. 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 Feedback-CP Siemens (Drag chain cable)

Core identification: acc. to Siemens-specification

peak operating voltage, V: 300 V

part no.	part name	Ø [mm]	Cu	G [kg]
035306	[8X2X0.18] GN cUL - 6FX8008-1BD11	7.8	54	88
035307	[4X2X0.34 + 4X0.5] GN cUL - 6FX8008-1BD21	8.9	83	123
035308	[3X(2X0.14) + 2X(0.5)] GN cUL - 6FX8008-1BD31	9	74	109
035309	[3X(2X0.14) + 4X0.14 + 2X0.5] GN cUL - 6FX8008-1BD41	8.9	74	106
035310	[3X(2X0.14) + 4X0.14+2X0.5 + 4X0.25] GN cUL - 6FX8008-1BD51	9.5	86	136
035312	[2X2X0.18] GN cUL - 6FX8008-1BD71	5	24	40
035311	[4X2X0.18] GN cUL - 6FX8008-1BD61	6.4	35	57
035313	[12X0.22] GN cUL - 6FX8008-1BD81	6.9	65	79

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

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