

SERVO cable

Faber[®] EFK 600 P



Application: 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.

- Flame-retardant: IEC 60332-1-2, UL 1581 VW-1, CSA FT1
- Oil-resistant: VDE 0473-811-404, UL 1581, IEC 60811-404

Construction and technical data:

Standard:	UL 1581 - UL 758 - CSA 22.2
Conductor material:	copper, bare
Conductor construction:	Class 6 = very flexible
Insulation:	polypropylene
Stranding:	Layers
Core wrapping:	fleece
Sheathing material:	PUR - UL 80 °C - 600 V style 20234
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	80 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	6.5 x Ø
Insulation resistance:	1000 MOhm _x km
Operating speed drag chain, m/min.:	300



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.

Nominal voltage U:

600 V

Test voltage:

4 kV

Core identification:

green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
037806	04G1.5		8.5	58	106
037807	04G2.5	7.98	9.8	96	195
037808	04G4	4.95	11.8	158	280
037809	04G6	3.3	13.8	230	430
037810	04G10	1.91	17	390	680
037811	04G16	1.21	22	690	1040
037812	04G25	0.78	24	960	1280
037813	04G35	0.554	28.5	1344	1800
037814	04G50	0.386	34	1920	2300
037815	04G70	0.272	39	2688	3489
037816	04G95	0.206	45	3648	4700

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