

# SERVO cable FABER<sup>®</sup> EFK Servo-CP (I)



**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.

Indramat<sup>®</sup> part numbers (INK...) are registered trade marks of Bosch Rexroth AG and used only as reference.

## Construction and technical data:

<b>Standard:</b>	Indramat <sup>®</sup> Standard INK
<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 coverage:</b>	85 %
<b>Sheathing material:</b>	polyurethan
<b>Colour of outer sheath:</b>	orange RAL 2003 (DESINA)
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	EN 60811-404
<b>For outdoor use:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-50 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-40 - +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>	5 Mio.
<b>Moving distance, max.:</b>	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<sup>®</sup> EFK Servo-CP Indramat<sup>®</sup> (Drag chain cable)**

**Nominal voltage U<sub>o</sub>:** 0.6 kV

**Nominal voltage U:** 1 kV

**Test voltage:** 4 kV

**Core identification:** green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035268	[4G0.75 + (2x0.5)StD] OG cUL - INK-0670	26	10	88	145
035269	[4G1 + 2x(2x0.75)StC] OG cUL - INK-0653		12.3	170	226
035270	[4G1.5 + 2x(2x0.75)StC] OG cUL - INK-0650		12.3	189	260
035271	[4G2.5 + 2x(2x1)StC] OG cUL - INK-0602	7.98	14.8	229	326
035272	[4G4 + (2x1.5)StC + (2x1.0)StC] OG cUL - INK-0603	4.95	17	318	458
035165	[4G6 + (2x1.5)StC + (2x1.0)StC] OG cUL - INK-0604	3.3	18.5	445	584
035273	[4G10+(2x1.5)StC + (2x1.0)StC] OG cUL - INK-0605		21.9	610	846
035274	[4G16 + 2x(2x1.5)StC] OG cUL - INK-0606		25.5	904	1154
035275	[4G25 + 2x(2x1.5)StC] OG cUL - INK-0607	0.78	29.5	1323	1588
035276	[4G35 + 2x(2x1.5) StC] OG cUL - INK-0667	0.554	31	1645	2097
035804	[4G50 + 2x(2x1.5) StC] OG cUL - INK-0668	0.386	37.4	2600	2980

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