

# Drag chain cable

## Faber<sup>®</sup> Servo-CP SEW EFK Move



**Application:** 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.

### Construction and technical data:

Layer 1:

- Control cores: black with white numbers (1-2-3)
- Non woven tape with polyester
- Screen: tinned copper braid, coverage 85 %

Layer 2:

- Power cores: Black with white numbers (U/L1/C/L+ - V/L2 - W/L3/D/L-) + green/yellow
- Non woven tape with polyester

Overall screen: tinned copper braid, coverage 85 %

Outer sheath

<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>	polyurethan
<b>Colour of outer sheath:</b>	orange RAL 2003
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Oil-resistant:</b>	EN 60811-404
<b>Max. temperature at conductor, °C:</b>	80 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-30 - +80 °C
<b>Bending radius, fixed installation:</b>	4 x Ø
<b>Bending radius, moving application:</b>	6.5 x Ø
<b>Bending cycles, max.:</b>	5000000
<b>Insulation resistance:</b>	1000 MOhm <sub>x</sub> km
<b>Operating speed drag chain, m/min.:</b>	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.

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

**Nominal voltage U:** 1 kV

**Test voltage:** 4 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
037714	SERVO-CP, System SEW Leitung fuer EFK 04G2,5+(3x1) MOVE UL/CSA OR	7.98	13.8	183	297
037715	SERVO-CP, System SEW Leitung fuer EFK 04G4+(3x1) MOVE UL/CSA OR	4.95	16.2	262	388

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