

Screened drag chain cable FABER® EFK-SC 9YC11Y

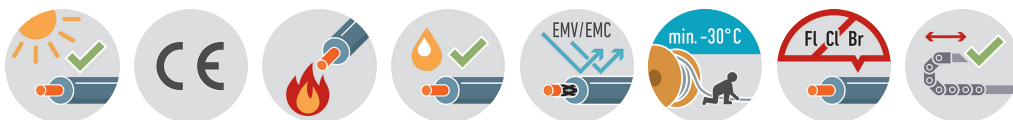


Application: Highly flexible control cable for constant moving applications under heavy duty conditions. The cable is halogen-free, flame-retardant and resistant to most chemicals used in industrial environment. Please pay attention to our installation instructions for drag chain cables on our website.

- Maximum length of the drag chain: 15m (horizontal only)
- Max. current rating capacity: acc. to VDE 0298-4, tab. 11

Construction and technical data:

Specification/Standard:	UL 1581 / UL 758 / CSA C 22.2
Conductor material:	copper, bare
Conductor construction:	Class 6 = very flexible
Insulation:	polypropylene
Screen:	tinned copper braid
Screen coverage:	85 %
Sheathing material:	polyurethan
Colour of outer sheath:	orange
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
UV-resistant:	yes
Oil-resistant:	yes
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:	7.5 x Ø
Bending cycles, max.:	3 Mio.
Insulation resistance:	1000 MOhm _x km
Operating speed:	240 m/min.



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_o: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 4 kV

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
037151	1X6 BK/OG	3.3	54	7.6	79	123
037152	1X10 BK/OG	1.91	73	8.5	127.6	177
037153	1X16 BK/OG	1.21	98	9.9	186.2	241
037154	1X25 BK/OG	0.78	129	11.4	258	354
037155	1X35 BK/OG	0.554	158	13.9	400.7	488
037156	1X50 BK/OG	0.386	198	14.9	554.8	629
037157	1X70 BK/OG	0.272	245	17.2	775.6	863
037158	1X95 BK/OG	0.206	292	19.3	1029	1193
037159	1X120 BK/OG	0.161	344	21.4	1283	1452
037160	1X150 BK/OG	0.129	391	23.4	1570	1780
037161	1X185 BK/OG	0.106	448	27	1935	2152
037162	1X240 BK/OG	0.0801	528	29	2640	3007
037191	1X300 BK/OG	0.0641	608	34.5	3000	3350

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000