

Drag chain cable

FABER® EFK-SC 9Y11Y



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
Sheathing material:	polyurethan
Colour of outer sheath:	black
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]
037125	1X6 BK/BK	3.3	54	7.1	58	88
037126	1X10 BK/BK	1.91	73	8	96	135
037127	1X16 BK/BK	1.21	98	9.4	154	205
037128	1X25 BK/BK	0.78	129	10.9	240	290
037129	1X35 BK/BK	0.554	158	13.2	336	411
037130	1X50 BK/BK	0.386	198	14.2	480	554
037131	1X70 BK/BK	0.272	245	16.5	672	773
037132	1X95 BK/BK	0.206	292	18.4	912	1066
037133	1X120 BK/BK	0.161	344	20.5	1152	1305
037134	1X150 BK/BK	0.129	391	22.5	1440	1616
037135	1X185 BK/BK	0.106	448	26.1	1776	2025
037136	1X240 BK/BK	0.0801	528	27	2304	2730
037558	1X400 SW/SW	0.0486	726	34	3840	4042
037137	1X300 BK/BK	0.0641	608	34	2880	3356
037138	1G6 GN-YE/BK	3.3		7.1	58	88
037139	1G10 GN-YE/BK	1.91		8	96	135
037140	1G16 GN-YE/BK	1.21		9.7	154	205
037141	1G25 GN-YE/BK	0.78		10.9	240	290
037142	1G35 GN-YE/BK	0.554		13.2	336	411
037143	1G50 GN-YE/BK	0.386		14.2	480	554
037144	1G70 GN-YE/BK	0.272		16.5	672	773
037145	1G95 GN-YE/BK	0.206		18.4	912	1066
037146	1G120 GN-YE/BK	0.161		20.5	1152	1305
037147	1G150 GN-YE/BK	0.129		22.5	1440	1616
037148	1G185 GN-YE/BK	0.106		26.1	1776	2025
037149	1G240 GN-YE/BK	0.0801		27	2304	2730
037150	1G300 GN-YE/BK	0.0641		34	2880	3356

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