

Drag chain cable FABER® EFK SC 12Y11Y



Specification/Standard:	UL/CSA
Conductor material:	copper, bare
Conductor class:	class 6 = extra finely stranded
Insulation:	TPE
Sheathing material:	polyurethan
Colour 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:	EN 60811-404
Permitted outer cable temperature, fixed:	-50 - +80 °C
Permitted outer cable temperature, in motion/ during installation:	-40 - +80 °C
Bending radius, fixed installation:	4 x DA
Bending radius, moving application:	7,5 x DA
Bending cycles, max.:	5 Mio.
Moving distance, max.:	100 m
Nominal voltage U₀:	600 V
Nominal voltage U:	1 kV
Test voltage:	4 kV

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.



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.

Table: Technical characteristics FABER® EFK Single core 12Y11Y (Drag chain cable)

p/n	part name	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
035314	FABER® EFK-SC12Y11Y-O 1X6 0,6/1 kV cUL SW/SW	77	7,1	58	88
035315	FABER® EFK-SC12Y11Y-O 1X10 0,6/1 kV cUL SW/SW	77	8	96	135
035316	FABER® EFK-SC12Y11Y-O 1X16 0,6/1 kV cUL SW/SW	103	9,4	154	205

p/n	part name	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
035317	FABER® EFK-SC12Y11Y-O 1X25 0,6/1 kV cUL SW/SW	133	10,9	240	290
035318	FABER® EFK-SC12Y11Y-O 1X35 0,6/1 kV cUL SW/SW	163	13,2	336	411
035319	FABER® EFK-SC12Y11Y-O 1X50 0,6/1 kV cUL SW/SW	200	14,2	480	554
035320	FABER® EFK-SC12Y11Y-O 1X70 0,6/1 kV cUL SW/SW	258	16,5	672	773
035321	FABER® EFK-SC12Y11Y-O 1X95 0,6/1 kV cUL SW/SW	316	18,4	912	1066
035322	FABER® EFK-SC12Y11Y-O 1X120 0,6/1 kV cUL SW/SW	368	20,5	1152	1305
035323	FABER® EFK-SC12Y11Y-O 1X150 0,6/1 kV cUL SW/SW	425	23,5	1440	1616
035324	FABER® EFK-SC12Y11Y-O 1X185 0,6/1 kV cUL SW/SW	488	26,1	1776	2025
035698	FABER® EFK-SC12Y11Y-O 1X240 0,6/1 kV cUL SW/SW	578	27,5	2304	2730
035326	FABER® EFK-SC12Y11Y-J 1G6 0,6/1 kV cUL GG/SW		7,1	58	88
035327	FABER® EFK-SC12Y11Y-J 1G10 0,6/1 kV cUL GG/SW		8	96	135
035328	FABER® EFK-SC12Y11Y-J 1G16 0,6/1 kV cUL GG/SW		9,4	154	205
035329	FABER® EFK-SC12Y11Y-J 1G25 0,6/1 kV cUL GG/SW		10,9	240	290
035330	FABER® EFK-SC12Y11Y-J 1G35 0,6/1 kV cUL GG/SW		13,2	336	411
035331	FABER® EFK-SC12Y11Y-J 1G50 0,6/1 kV cUL GG/SW		14,2	480	554
035332	FABER® EFK-SC12Y11Y-J 1G70 0,6/1 kV cUL GG/SW		16,5	672	773
035333	FABER® EFK-SC12Y11Y-J 1G95 0,6/1 kV cUL GG/SW		18,4	912	1066
035334	FABER® EFK-SC12Y11Y-J 1G120 0,6/1 kV cUL GG/SW		20,5	1152	1305
035335	FABER® EFK-SC12Y11Y-J 1G150 0,6/1 kV cUL GG/SW		22,5	1440	1616
035336	FABER® EFK-SC12Y11Y-J 1G185 0,6/1 kV cUL GG/SW		26,1	1776	2025

I_{bl} Ampacity in air (30 °C)

DA Outer diameter approx.

Cu Copper weight (GER)

G weight