

# Drag chain cable FABER® EFK SC 12YC11Y



FACAB 10605 EFK SC 12YC11Y 1x10mm² E

<b>Specification/Standard:</b>	UL/CSA
<b>Conductor material:</b>	copper, bare
<b>Conductor class:</b>	class 6 = extra finely stranded
<b>Insulation:</b>	TPE
<b>Screen:</b>	copper braid, tinned
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	polyurethan
<b>Colour 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>Permitted outer cable temperature, fixed:</b>	-50 - +80 °C
<b>Permitted outer cable temperature, in motion/ during installation:</b>	-40 - +80 °C
<b>Bending radius, fixed installation:</b>	4 x DA
<b>Bending radius, moving application:</b>	7,5 x DA
<b>Bending cycles, max.:</b>	5 Mio.
<b>Moving distance, max.:</b>	100 m
<b>Nominal voltage U<sub>0</sub>:</b>	600 V
<b>Nominal voltage U:</b>	1 kV
<b>Test voltage:</b>	4 kV

**Application:** Highly flexible data cable for constant movement under extreme conditions with specific EMC (electromagnetic compatibility) requirements. It is applicable in standard drag chains without tensile load. The cable is flame-retardant, and largely resistant to many chemicals used in industrial environment. Please pay attention to our instructions for the use of 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 12YC11Y (Drag chain cable)

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]	p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
035337	FABER® EFK-SC12YC11Y-O 1X6 0,6/1 kV cUL SW/OR	7,6	123	79	035339	FABER® EFK-SC12YC11Y-O 1X16 0,6/1 kV cUL SW/OR	9,9	241	186,2
035338	FABER® EFK-SC12YC11Y-O 1X10 0,6/1 kV cUL SW/OR	8,5	177	127,6	035340	FABER® EFK-SC12YC11Y-O 1X25 0,6/1 kV cUL SW/OR	11,4	354	258

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
035341	FABER® EFK-SC12YC11Y-O 1X35 0,6/1 kV cJL SW/OR	13,9	488	400,7
035342	FABER® EFK-SC12YC11Y-O 1X50 0,6/1 kV cJL SW/OR	15,4	629	554,8
035343	FABER® EFK-SC12YC11Y-O 1X70 0,6/1 kV cJL SW/OR	17,2	863	775,6
035344	FABER® EFK-SC12YC11Y-O 1X95 0,6/1 kV cJL SW/OR	19,3	1193	1029
035345	FABER® EFK-SC12YC11Y-O 1X120 0,6/1 kV cJL SW/OR	21,4	1452	1283

p/n	part name	D <sub>A</sub> [mm]	G [kg/km]	Cu [kg/km]
035346	FABER® EFK-SC12YC11Y-O 1X150 0,6/1 kV cJL SW/OR	23,4	1780	1570
035347	FABER® EFK-SC12YC11Y-O 1X185 0,6/1 kV cJL SW/OR	27	2152	1935
036286	FABER® EFK-SC12YC11Y-O 1X240 0,6/1 kV cJL SW/OR	29,3	3007	2640

DA	Outer diameter approx.
G	weight
Cu	Copper weight (GER)