

# Screened drag chain single core FABER<sup>®</sup> EFK YCY-J/-O

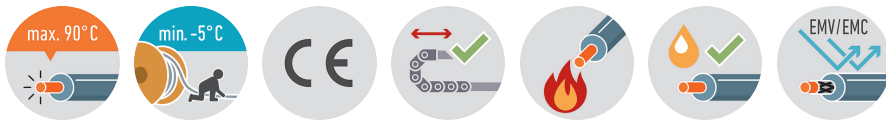


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**Application:** Highly flexible drag chain cable with double approval for the durable movement on production conditions inside of buildings with free movement without tensile stress or forced movement. The core is flame-retardant and resistant to most usual oils.

## Construction and technical data:

<b>Standard:</b>	UL/CSA
<b>Specification/Standard:</b>	UL-Style 10107, CSA AWM I/II AB, in Anlehnung an VDE 0250, 0281
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 6 = very flexible
<b>Insulation:</b>	PVC YI7
<b>Screen:</b>	copper braid
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	PVC YM5
<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>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +90 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +90 °C
<b>Bending radius, fixed installation:</b>	3 x Ø
<b>Bending radius, moving application:</b>	7.5 x Ø



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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<b>Nominal voltage U<sub>o</sub>:</b>	0.6 kV
<b>Nominal voltage U:</b>	1 kV

part no.	part name	RI [Ohm/km]	I <sub>bl</sub> [A]	R <sub>bv</sub> [mm]	R <sub>bb</sub> [mm]	Ø [mm]	Cu	G [kg]
033804	1X10 black / orange	1.91	80	31	77	10.2	130	230
033806	1X16 black / orange	1.21	105	35	88	11.7	190	300

part no.	part name	RI [Ohm/km]	Ibl [A]	Rbv [mm]	Rbb [mm]	Ø [mm]	Cu	G [kg]
033808	1X25 black / orange	0.78	140	39	98	13	260	420
033810	1X35 black / orange	0.554	190	45	113	15.1	405	615
033812	1X50 black / orange	0.386	220	53	133	17.7	560	825
033814	1X70 black / orange	0.272	300	60	150	20	780	1090
033033	1X95 black / orange	0.206	350	66	165	22	1030	1395
033817	1X120 black / orange	0.161	405	74	186	24.8	1285	1770
033819	1X150 black / orange	0.129	455	81	203	27	1586	1930
032017	1X185 black / orange	0.106	570	87	218	29	1940	2635
032015	1X240 black / orange	0.0801	615	98	244	32.5	2530	3380
033823	1X300 black / orange	0.0641	700	109	272	36.2	3140	4120

RI	Conductor resistance
Ibl	Ampacity in air (30 °C)
Rbv	Bending radius, fixed installation
Rbb	Bending radius, moving application
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000