

# Drag chain cable FABER® EFK 310 CY



**Application:** Highly flexible data cable for use in moving applications 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 most chemicals used in industrial environment. Please pay attention to our instructions for the use of drag chain cables on our website.

## Construction and technical data:

<b>Specification/Standard:</b>	UL/CSA
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 6 = very flexible
<b>Insulation:</b>	PVC/PP
<b>Material inner sheath:</b>	PVC
<b>Screen:</b>	tinned copper braid
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	grey RAL 7001
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Oil-resistant:</b>	EN 60811-404
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +70 °C
<b>Bending radius, fixed installation:</b>	4 x Ø
<b>Bending radius, moving application:</b>	10 x Ø
<b>Bending cycles, max.:</b>	3 Mio.
<b>Insulation resistance:</b>	20 MOhm $\times$ km
<b>Moving distance, max.:</b>	10 m



*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<sub>o</sub>: 300 V

Nominal voltage U: 500 V

Core identification: green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035471	02X0.5 cUL GY	39	7.7	32	98
035472	03G0.5 cUL GY	39	8	38	107
035473	04G0.5 cUL GY	39	9	45.4	131
035474	05G0.5 cUL GY	39	9.8	53	153
035475	07G0.5 cUL GY	39	11.3	68	201
035476	10G0.5 cUL GY	39	12.9	94	249
035477	12G0.5 cUL GY	39	13.2	105	272
035478	18G0.5 cUL GY	39	15.6	142.2	379
035479	25G0.5 cUL GY	39	18.7	211.3	539
035480	2X0.75 cUL GY	26	8.3	38.1	115
035481	3G0.75 cUL GY	26	8.9	48	132
035482	4G0.75 cUL GY	26	9.4	57	151
035483	5G0.75 cUL GY	26	10.3	67	177
035484	7G0.75 cUL GY	26	12	87.1	234
035485	10G0.75 cUL GY	26	13.7	121.1	291
035486	12G0.75 cUL GY	26	14.3	137.2	328
035487	18G0.75 cUL GY	26	17.2	212.3	483
035488	25G0.75 cUL GY	26	20.2	279	652
035490	02X1 cUL GY	19.5	8.6	44.1	127
035491	03G1 cUL GY	19.5	9.2	56	146
035492	04G1 cUL GY	19.5	10	68	173
035493	05G1 cUL GY	19.5	10.7	80.3	199
035494	07G1 cUL GY	19.5	12.8	112.1	277
035495	10G1 cUL GY	19.5	14.5	148	337
035496	12G1 cUL GY	19.5	15.1	170	380
035497	18G1 cUL GY	19.5	17.9	260.2	549
035498	25G1 cUL GY	19.5	21.1	345	744
035499	02X1.5 cUL GY	13.3	9.8	58	165
035500	03G1.5 cUL GY	13.3	10.3	74	186
035501	04G1.5 cUL GY	13.3	11.2	91	221
035502	05G1.5 cUL GY	13.3	12	109	256
035503	07G1.5 cUL GY	13.3	14.3	152	357
035504	10G1.5 cUL GY	13.3	15.6	218	475
035505	12G1.5 cUL GY	13.3	17.5	258	528
035506	18G1.5 cUL GY	13.3	20.3	359.1	726
035507	25G1.5 cUL GY	13.3	24.3	481.4	1009
035508	02X2.5 cUL GY	7.98	11.2	82	223
035509	03G2.5 cUL GY	7.98	11.8	108	253
035510	04G2.5 cUL GY	7.98	12.9	141.4	311
035511	05G2.5 cUL GY	7.98	14.1	170	369
035512	07G2.5 cUL GY	7.98	17.4	252	538
035513	12G2.5 cUL GY	7.98	20.4	389	746
035514	03G4 cUL GY	4.95	13.8	165	366
035515	04G4 cUL GY	4.95	15.2	209	451
035516	05G4 cUL GY	4.95	17.2	275.3	570
035517	03G6 cUL GY	3.3	15.1	228	465
035518	04G6 cUL GY	3.3	17.1	313	596
035519	05G6 cUL GY	3.3	18.7	379	710

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000