

# Drag chain cable FABER® EFK 300 CP



**Application:** Highly flexible control cable for the constantly moving equipment under extreme conditions for indoor and outdoor use combined with specific EMC (electromagnetic compatibility) requirements. The cable is halogen-free, flame-retardant and resistant to most chemicals occurring in industry environment. Please pay attention to our instructions for the use of drag chain cables on our website.

## Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 6 = very flexible
<b>Insulation:</b>	TPE/PP
<b>Material inner sheath:</b>	polyurethan
<b>Screen:</b>	tinned copper braid
<b>Screen coverage:</b>	85 %
<b>Sheathing material:</b>	polyurethan
<b>Colour of outer sheath:</b>	grey RAL 7001
<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>For outdoor use:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-50 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-40 - +80 °C
<b>Bending radius, fixed installation:</b>	4 x Ø
<b>Bending radius, moving application:</b>	7.5 x Ø
<b>Bending cycles, max.:</b>	5 Mio.
<b>Moving distance, max.:</b>	100 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.*

**FABER®** EFK 300 CP (Drag chain cable)**Nominal voltage U<sub>o</sub>:** 300 V**Nominal voltage U:** 500 V**Test voltage:** 3 kV**Core identification:** green-yellow + numbers

part no.	part name	Ø [mm]	Cu	G [kg]
031442	02X0.5	7.1	48	61
030954	03G0.5	7.4	53	104
032552	04G0.5	7.8	61	122
030958	05G0.5	8.2	66	131
031429	07G0.5	9.5	85	172
032554	12G0.5	11	117	230
030959	18G0.5	12.8	157	321
032555	20G0.5	15.4	168	327
030957	25G0.5	15	228	445
032558	02X0.75	7.5	53	98
032559	03G0.75	7.8	63	120
032560	04G0.75	8.3	77	83
032561	05G0.75	9	87	94
032562	07G0.75	10.3	107	125
032564	12G0.75	12.1	156	308
032565	18G0.75	13.8	235	420
032567	25G0.75	17	313	579
032570	02X1	8	60	65
032571	03G1	8.5	71	81
032572	04G1	9	88	96
031923	05G1	9.6	99	168
031986	07G1	11.2	128	240
030953	12G1	13	186	358
031919	18G1	15.3	280	418
032574	25G1	18.4	378	641
032581	02X1.5	9.1	79	134
032582	03G1.5	9.7	94	109
031910	04G1.5	10.3	119	217
032583	05G1.5	11	129	148
032584	07G1.5	12.7	170	325
032064	12G1.5	15	279	416
032065	18G1.5	17.6	394	564
032586	25G1.5	21	533	888
032591	02X2.5	10.1	104	198
032592	03G2.5	10.6	137	284
031556	04G2.5	11.6	165	321
032067	05G2.5	12.4	191	293
031918	07G2.5	14.7	275	418
031766	12G2.5	17.5	453	589
031767	18G2.5	20.6	607	885
032594	25G2.5	26.5	796	1398
031902	04G4	14.4	222	448
032596	04G6	16.6	348	612
032599	04G10	20.8	518	984
032602	04G16	24.6	840	1318
032089	05G4	15.7	328	505
032597	05G6	18.2	441	741
032600	05G10	22.7	638	1058

part no.	part name	Ø [mm]	Cu	G [kg]
032603	05G16	27	1050	1710
032595	07G4	18.6	360	678
032598	07G6	21.6	505	1028
032601	07G10	27.1	820	1530
032604	07G16	32.4	1510	2087

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000