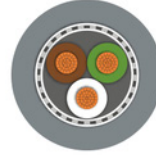


Drag chain cable

FABER[®] EFK Li9YC11Y



Application: Highly flexible and low-capacitance data cable for constant movement under extreme conditions with specific EMC (electromagnetic compatibility) requirements. The cable is halogen-free, flame-retardant, hydrolysis- and microbe-resistant and largely oil-resistant. Please note our instructions for the use of drag chain cables on our website.

Construction and technical data:

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

Maximum operating capacity:

80 nF/km

Test voltage:

2 kV

Core identification:

colours acc. to DIN 47100

peak operating voltage, V:

300 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035350	02X0.14	138	4.1	13	28
035351	03X0.14	138	4.3	15	31
035352	04X0.14	138	4.5	17	35
035353	05X0.14	138	4.8	19.4	40
035354	07X0.14	138	5.7	28	56
035355	10X0.14	138	6.3	39.3	70
035356	12X0.14	138	6.5	35	59
035357	14X0.14	138	6.9	45.3	84
035358	18X0.14	138	7.5	54.1	99
035524	25X0.14	138	8.9	68.4	132
035359	02X0.25	79	4.5	16.3	33
035360	03X0.25	79	4.7	19.4	39
035361	04X0.25	79	5	23	45
035362	05X0.25	79	5.6	31	58
035363	07X0.25	79	6.4	40	72
035364	10X0.25	79	7.3	54	92
035365	12X0.25	79	7.5	51	84
035366	14X0.25	79	7.8	64.2	114
035367	18X0.25	79	8.7	78.4	138
035368	25X0.25	79	10.3	101	184
035369	02X0.34	57	4.7	19	38
035370	03X0.34	57	4.9	29	49
035371	04X0.34	57	5.5	36	62
035372	05X0.34	57	5.8	39.1	68
035373	07X0.34	57	6.9	53	91
035374	10X0.34	57	7.7	67.4	118
035375	12X0.34	57	7.9	63	99
035376	14X0.34	57	8.5	86	150
035377	18X0.34	57	9.2	100	177
035378	25X0.34	57	10.9	155	251
035379	2X2X0.14	138	5.8	20	42
035380	3X2X0.14	138	6.2	26	53
035381	4X2X0.14	138	6.7	30	59
035382	5X2X0.14	138	7.2	37.4	75
035383	6X2X0.14	138	7.8	49.4	91
035384	8X2X0.14	138	8.3	55	99
035385	10X2X0.14	138	9.3	60.1	100
035386	14X2X0.14	138	10	73	168
035387	2X2X0.25	79	6.7	32	56
035388	3X2X0.25	79	6.8	38.4	66
035389	4X2X0.25	79	7.5	43.2	76
035390	5X2X0.25	79	8	52	91
035391	6X2X0.25	79	8.8	72	112
035392	8X2X0.25	79	10.4	74.4	140
035393	10X2X0.25	79	10.9	90	159
035394	14X2X0.25	79	11.9	111.2	192
035653	18X2X0.25	79	11.9	125	282
035395	2X2X0.34	57	7	35	81

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
035396	3X2X0.34	57	7.2	45	101
035397	4X2X0.34	57	8	53	119
035398	5X2X0.34	57	8.5	64	149
035399	6X2X0.34	57	9.4	74	165
035400	8X2X0.34	57	10.4	90	221
035401	10X2X0.34	57	11.4	110	274
035402	14X2X0.34	57	12.5	144	384
036539	1X2X0.5	39	5.9	40	47
035403	2X2X0.5	39	8.4	50	92
035404	3X2X0.5	39	8.5	65	114
035405	4X2X0.5	39	9.2	72.2	129
035406	5X2X0.5	39	10.2	78.3	148
035407	6X2X0.5	39	11	91	170
035408	8X2X0.5	39	13.3	124.1	246
035409	10X2X0.5	39	14.2	146.4	286
035410	14X2X0.5	39	15.5	190	346
036540	1X2X0.75	26	6.3	56	61
035411	2X2X0.75	26	9.1	65	108
035412	3X2X0.75	26	9.4	86.3	144
035413	4X2X0.75	26	10.2	97	160
035414	5X2X0.75	26	11.3	106	164
035415	6X2X0.75	26	12.3	130.4	214
035416	8X2X0.75	26	14.7	192.2	305
035417	10X2X0.75	26	15.7	258	382
035418	14X2X0.75	26	17.5	317	474
036756	18X2X0.75	26	20.6	348	535
035883	1X2X1	19.5	10	42	71
035419	2X2X1	19.5	10	79.4	124
035420	3X2X1	19.5	10.1	108	158
035421	4X2X1	19.5	11	121.4	183
035422	5X2X1	19.5	12.3	139.4	220
037271	8X2X1	19.5	16	206	390

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