



<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	fine stranded class 6
<b>insulation:</b>	TPE/PP
<b>screen:</b>	Cu-braid, tinned
<b>screen coverage:</b>	85 %
<b>sheathing material:</b>	polyurethan
<b>colour of outer sheath:</b>	gray RAL 7001
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1
<b>halogen free:</b>	DIN EN 50267/IEC 60754
<b>oil resistant:</b>	EN 60811-2-1
<b>max. operating temperature, fixed:</b>	-50 - +80 °C
<b>temperature, moved/during installation:</b>	-40 - +80 °C
<b>bending radius, fixed installation:</b>	4 x DA
<b>bending radius, moved 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>	300 V
<b>nominal voltage U:</b>	500 V
<b>test voltage:</b>	3 kV
<b>core identification:</b>	gn-ye + numbers

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



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 FACAB EFK 300 CP

p/n	part name	D <sub>A</sub> [mm]	G [kg]	Cu [kg/km]	p/n	part name	D <sub>A</sub> [mm]	G [kg]	Cu [kg/km]
031442	FACAB EFK 300 CP 02X0,5 GR	7,1	91	48	032554	FACAB EFK 300 CP 12G0,5 GR	11	230	117
030954	FACAB EFK 300 CP 03G0,5 GR	7,4	104	53	030959	FACAB EFK 300 CP 18G0,5 GR	12,8	321	157
032552	FACAB EFK 300 CP 04G0,5 GR	7,8	122	61	032555	FACAB EFK 300 CP 20G0,5 GR	15,4	327	168
030958	FACAB EFK 300 CP 05G0,5 GR	8,2	131	66	030957	FACAB EFK 300 CP 25G0,5 GR	15	445	228
031429	FACAB EFK 300 CP 07G0,5 GR	9,5	172	85	032558	FACAB EFK 300 CP 02X0,75 GR	7,5	98	53

p/n	part name	D <sub>A</sub> [mm]	G [kg]	Cu [kg/km]
032559	FACAB EFK 300 CP 03G0,75 GR	7,8	120	63
032560	FACAB EFK 300 CP 04G0,75 GR	8,3	83	77
032561	FACAB EFK 300 CP 05G0,75 GR	9	94	87
032562	FACAB EFK 300 CP 07G0,75 GR	10,3	125	107
032564	FACAB EFK 300 CP 12G0,75 GR	12,1	308	156
032565	FACAB EFK 300 CP 18G0,75 GR	13,8	420	235
032567	FACAB EFK 300 CP 25G0,75 GR	17	579	313
032570	FACAB EFK 300 CP 02X1 GR	8	65	60
032571	FACAB EFK 300 CP 03G1 GR	8,5	81	71
032572	FACAB EFK 300 CP 04G1 GR	9	96	88
031923	FACAB EFK 300 CP 05G1 GR	9,6	168	99
031986	FACAB EFK 300 CP 07G1 GR	11,2	240	128
030953	FACAB EFK 300 CP 12G1 GR	13	358,2	186
031919	FACAB EFK 300 CP 18G1 GR	15,3	418	280
032574	FACAB EFK 300 CP 25G1 GR	18,4	641	378
032581	FACAB EFK 300 CP 02X1,5 GR	9,1	134	79
032582	FACAB EFK 300 CP 03G1,5 GR	9,7	109	94
031910	FACAB EFK 300 CP 04G1,5 GR	10,3	217	119
032583	FACAB EFK 300 CP 05G1,5 GR	11	148	129
032584	FACAB EFK 300 CP 07G1,5 GR	12,7	325	170
032064	FACAB EFK 300 CP 12G1,5 GR	15	416	279
032065	FACAB EFK 300 CP 18G1,5 GR	17,6	564	394

p/n	part name	D <sub>A</sub> [mm]	G [kg]	Cu [kg/km]
032586	FACAB EFK 300 CP 25G1,5 GR	21	888	533
032591	FACAB EFK 300 CP 02X2,5 GR	10,1	198	104
032592	FACAB EFK 300 CP 03G2,5 GR	10,6	284	137
031556	FACAB EFK 300 CP 04G2,5 GR	11,6	321	165
032067	FACAB EFK 300 CP 05G2,5 GR	12,4	293	191
031918	FACAB EFK 300 CP 07G2,5 GR	14,7	418	275
031766	FACAB EFK 300 CP 12G2,5 GR	17,5	589	453
031767	FACAB EFK 300 CP 18G2,5 GR	20,6	885	607
031902	FACAB EFK 300 CP 04G4 GR	14,4	448	360
032596	FACAB EFK 300 CP 04G6 GR	16,6	612	348
032599	FACAB EFK 300 CP 04G10 GR	20,8	984	518
032602	FACAB EFK 300 CP 04G16 GR	24,6	1318	840
032089	FACAB EFK 300 CP 05G4 GR	15,7	505	328
032597	FACAB EFK 300 CP 05G6 GR	18,2	741	441
032600	FACAB EFK 300 CP 05G10 GR	22,7	1058	638
032603	FACAB EFK 300 CP 05G16 GR	27	1710	1050
032595	FACAB EFK 300 CP 07G4 GR	18,6	678	360
032598	FACAB EFK 300 CP 07G6 GR	21,6	1028	505
032601	FACAB EFK 300 CP 07G10 GR	27,1	1530	820
032604	FACAB EFK 300 CP 07G16 GR	32,4	2087	1510

DA outer diameter

G weight

Cu copper