

Cables for lifting and crane systems

Festoon 715 P

PUR cable for flexible application in festoon systems



marking example:

SAB BRÖCKSKES · D-VIERSEN · Festoon 715 P 1x16.0 mm² CE and current meter marking



marking example:

SAB BRÖCKSKES · D-VIERSEN · Festoon 715 P 18 G 2,5 mm² CE and current meter marking

Application: The Festoon 715 P cable is applied for high mechanical stress. It is particularly suitable for use in cable roller assemblies.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	TPE
Colour code:	single core black, from 2 conductors coloured acc. to HD 308 (VDE 0293-308), from 6 cores black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, from 3 cores a green-yellow earth wire
Stranding:	specialy adjusted layering around central Aramid suspension unit
Wrapping:	non-woven tape
Sheath material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Sheath colour:	black (RAL 9005)

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Testing voltage:	core/core 4000 V
Min. bending radius	6 x d
Continuous tensile strength:	max. 15 N/mm ² acc. to DIN VDE 0298 part 3 section 7.1
Temperature range	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Continuous flexibility:	very good
Weather resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

Outstanding features:

- » path feet rate in cable roller assemblies up to 240 m/min.
- » very abrasion resistant
- » halogen-free
- » small outer diameter
- » simple reeling operation permitted

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07150315	3 G 1,50	0,26	7,3	43,2	76
07150415	4 G 1,50	0,26	7,9	57,6	94
07150515	5 G 1,50	0,26	8,8	72,0	117
07150715	7 G 1,50	0,26	10,4	100,8	167
07151215	12 G 1,50	0,26	12,5	172,8	245
07151815	18 G 1,50	0,26	15,1	259,2	367
07152415	24 G 1,50	0,26	17,5	345,6	510
07153015	30 G 1,50	0,26	18,7	432,0	593
07150325	3 G 2,50	0,26	8,1	72,0	106
07150425	4 G 2,50	0,26	8,8	96,0	134
07150525	5 G 2,50	0,26	10,1	120,0	170
07150725	7 G 2,50	0,26	12,0	168,0	243
07151225	12 G 2,50	0,26	14,5	288,0	368
07151825	18 G 2,50	0,26	17,3	432,0	543
07152425	24 G 2,50	0,26	20,2	576,0	798
07153025	30 G 2,50	0,26	21,4	720,0	862
07150440	4 G 4,00	0,31	10,7	153,6	206
07150460	4 G 6,00	0,31	12,1	230,4	287
07150361	3 G 10,0	0,41	14,3	288,0	381
07150461	4 G 10,0	0,41	15,8	384,0	492

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07150561	5 G 10,0	0,41	17,3	480,0	604
07150162	1 x 16,0	0,41	8,7	153,6	179
07150362	3 G 16,0	0,41	17,5	460,8	564
07150462	4 G 16,0	0,41	19,1	614,4	754
07150562	5 G 16,0	0,41	21,8	768,0	942
07150163	1 x 25,0	0,41	10,1	240,0	264
07150463	4 G 25,0	0,41	23,7	960,0	1136
07150563	5 G 25,0	0,41	26,3	1200,0	1418
07150164	1 x 35,0	0,41	12,1	226,0	377
07150464	4 G 35,0	0,41	27,7	1344,0	1591
07150165	1 x 50,0	0,41	13,5	480,0	533
07150465	4 G 50,0	0,41	31,5	1920,0	2262
07150166	1 x 70,0	0,41	16,0	672,0	717
07150167	1 x 95,0	0,51	18,9	912,0	990
07150168	1 x 120,0	0,51	20,8	1152,0	1203
07150169	1 x 150,0	0,51	22,7	1440,0	1500
07150170	1 x 185,0	0,51	24,8	1776,0	1819
07150171	1 x 240,0	0,51	28,5	2304,0	2433
0715 . . .	3 x 50,0 + 3 G 10,0	0,41	28,0	1728,0	1971

Other dimensions and colours are possible on request.