

Crane and Conveyor Cables

Festoon 715 P

PUR cable for flexible application in festoon systems



BRÖCKSKES · D-VIERSEN · Festoon 715 P 1x16.0 mm² CE



Marking for Festoon 715 P P 7150162:

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

BRÖCKSKES · D-VIERSEN · Festoon 715 P 18 G 2.5 mm² CE



Marking for Festoon 715 P P 7151825:

SAB BRÖCKSKES · D-VIERSEN · Festoon 715 P 18 G 2.5 mm² CE and current meter marking

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

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Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	TPE
Color code:	single conductor: black; from 2 conductors: HD 308 (VDE 0293-308) see below; from 6 conductors: black with consecutive numbers acc. to EN 50334 + VDE 0293-334; from 3 conductors a green/yellow ground
Stranding:	specially adjusted layering with a suspension unit (single conductor cables without a suspension unit)
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Jacket color:	black (RAL 9005)

Outstanding features:



- halogen-free
- high abrasion resistance
- small outer diameter
- path feed rate in cable roller assemblies up to 240 m/min.
- simple reeling operation permitted

Technical data:

Nominal voltage:	U _o /U 0.6/1 kV
Testing voltage:	conductor/conductor: 4000 V
Min. bending radius:	6 x O.D.
Continuous tensile load:	max. 15 n/mm ² acc. to DIN VDE 0298 part 3 section 7.1
Temperature range:	<i>static:</i> -50/+90°C <i>flexible:</i> -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TPU 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
Approvals:	CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

HD 308 color code: up to 5 conductors

- 2c: blue, brown
- 3c: green/yellow, blue, brown
- 4c: green/yellow, brown, black, gray
- 5c: green/yellow, blue, brown, black, gray

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% inch	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
7150315	3	0.287	7.3	51
7150415	4	0.311	7.9	63
7150515	5	0.346	8.8	79
7150715	7	0.409	10.4	112
7151215	12	0.492	12.5	165
7151815	18	0.594	15.1	247
7152415	24	0.689	17.5	343
7153015	30	0.736	18.7	398
▶ 14 AWG (≈ 46/38) ▪ 2.50 mm²				
7150325	3	0.319	8.1	71
7150425	4	0.346	8.8	90
7150525	5	0.398	10.1	114
7150725	7	0.472	12.0	163
7151225	12	0.571	14.5	247
7151825	18	0.681	17.3	365
7152425	24	0.795	20.2	536
7153025	30	0.843	21.4	579
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
7150440	4	0.421	10.7	138

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% inch	cable weight ≈lbs/mft
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
7150460	4	0.476	12.1	193
▶ 8 AWG (≈ 77/26) ▪ 10.00 mm²				
7150361	3	0.563	14.3	256
7150461	4	0.622	15.8	331
7150561	5	0.681	17.3	406
▶ 6 AWG (≈ 122/26) ▪ 16.00 mm²				
7150162	1	0.343	8.7	120
7150362	3	0.689	17.5	379
7150462	4	0.752	19.1	507
7150562	5	0.858	21.8	633
▶ 4 AWG (≈ 190/26) ▪ 25.00 mm²				
7150163	1	0.398	10.1	177
7150463	4	0.933	23.7	763
7150563	5	1.035	26.3	953
▶ 2 AWG (≈ 272/26) ▪ 35.00 mm²				
7150164	1	0.476	12.1	253
7150464	4	1.091	27.7	1069

item no.	no. of conductors incl. ground	outer-ø ±10% inch	outer-ø ±10% inch	cable weight ≈lbs/mft
▶ 1 AWG (≈ 400/26) ▪ 50.00 mm²				
7150165	1	0.531	13.5	358
7150465	4	1.240	31.5	1520
▶ 2/0 AWG (≈ 543/26) ▪ 70.00 mm²				
7150166	1	0.630	16.0	482
▶ 3/0 AWG (≈ 484/24) ▪ 95.00 mm²				
7150167	1	0.744	18.9	665
▶ 4/0 AWG (≈ 589/24) ▪ 120.00 mm²				
7150168	1	0.819	20.8	808
▶ 250 MCM (≈ 740/24) ▪ 150.00 mm²				
7150169	1	0.894	22.7	1008
▶ 350 MCM (≈ 902/24) ▪ 185.00 mm²				
7150170	1	0.976	24.8	1222
▶ 450 MCM (≈ 1220/24) ▪ 240.00 mm²				
7150171	1	1.122	28.5	1635
▶ 1 AWG (≈ 400/26) x 8 AWG (≈ 77/26) 50.00 mm² * 10.00 mm²				
715....	3 + 3	1.102	28.0	1728

Other dimensions and colors are available on request



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