

FLEXIBLE SPECIALTY CABLES

Festoon 715 P PUR cable for flexible application in festoon systems



Marking for Festoon 715 P 07150162:
SAB BRÖCKSKES · D-VIERSEN · Festoon 715 P 1 x 16.0 mm² CE



Marking for Festoon 715 P 07151825:
SAB BRÖCKSKES · D-VIERSEN · Festoon 715 P 18 x 2,5 mm² CE

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 EN 60228, VDE 0295, class 5
Insulation:	TPE
Color code:	single conductor black; from 2 conductors colored acc. to HD 308 (VDE 0293 part 308); from 6 conductors black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	specially adjusted layering around a central suspension unit
Wrapping:	non-woven tape
Jacket material:	PUR
Jacket color:	black

Outstanding features:

- ▶ halogen-free
- ▶ high abrasion resistance
- ▶ small outer diameter
- ▶ Path feet rate in cable roller assemblies up to 240 m/min.

Technical data:

Nominal voltage:	U ₀ /U 0.6/1 kV
Testing voltage:	4000 V acc. to DIN VDE 0281 part 2 + HD 21.2
Current-carrying capacity:	acc. to DIN VDE 0298-4, see page N/18 + 19
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	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
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 page N/28



item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 16 AWG (≈ 27-29/30) • 1.50 mm ²				
07150315	3	0.287	7.3	51
07150415	4	0.311	7.9	63
07150515	5	0.339	8.6	78
07150715	7	0.402	10.2	112
07151215	12	0.496	12.6	165
07151815	18	0.591	15.0	248
07152415	24	0.697	17.7	321
07153015	30	0.744	18.9	392
▶ 14 AWG (≈ 46/30) • 2.50 mm ²				
07150325	3	0.327	8.3	73
07150425	4	0.366	9.3	94
07150525	5	0.398	10.1	117
07150725	7	0.476	12.1	169
07151225	12	0.591	15.0	255
07151825	18	0.689	17.5	374
07152425	24	0.831	21.1	492
07153025	30	0.878	22.3	597
▶ 12 AWG (≈ 52/28) • 4.00 mm ²				
07150440	4	0.429	10.9	140

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 10 AWG (≈ 78/28) • 6.00 mm ²				
07150460	4	0.504	12.8	202
▶ 8 AWG (≈ 77/26) • 10.00 mm ²				
07150461	4	0.650	16.5	334
07150561	5	0.717	18.2	414
▶ 6 AWG (≈ 122/26) • 16.00 mm ²				
07150162	1	0.343	8.7	120
07150462	4	0.815	20.7	517
07150562	5	0.909	23.1	656
▶ 4 AWG (≈ 190/26) • 25.00 mm ²				
07150163	1	0.413	10.5	183
07150463	4	0.957	24.3	756
07150563	5	1.067	27.1	964
▶ 2 AWG (≈ 272/26) • 35.00 mm ²				
07150164	1	0.476	12.1	253
07150464	4	1.122	28.5	1065
▶ 1 AWG (≈ 400/26) • 50.00 mm ²				
07150165	1	0.531	13.5	359
07150465	4	1.264	32.1	1500

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 2/0 AWG (≈ 543/26) • 70.00 mm ²				
07150166	1	0.622	15.8	478
▶ 3/0 AWG (≈ 484/24) • 95.00 mm ²				
07150167	1	0.736	18.7	665
▶ 4/0 AWG (≈ 589/24) • 120.00 mm ²				
07150168	1	0.803	20.4	798
▶ 250 MCM (≈ 740/24) • 150.00 mm ²				
07150169	1	0.878	22.3	996
▶ 350 MCM (≈ 902/24) • 185.00 mm ²				
07150170	1	0.945	24.0	1197
▶ 450 MCM (≈ 1220/24) • 240.00 mm ²				
07150171	1	1.106	28.1	1621
▶ 10 AWG (≈ 78/28) x 18 AWG (≈ 30/32) 6.00 mm ² x 1.00 mm ²				
0715	3 + 3	0.469	11.9	184
▶ 1 AWG (≈ 400/26) x 8 AWG (≈ 77/26) 50.00 mm ² x 10.00 mm ²				
0715	3 + 3	1.142	29.0	1333

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com