



Marking for S 200 07741215:

SAB BRÖCKSKES · D-VIERSEN · S 200 12 x 1.5 mm² CE



Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	specially adjusted layering with non-woven tape over each layer
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN 50363-3 + VDE 0207-363-3-10-2 with matte surface
Jacket color:	gray (RAL 7000)

Outstanding features:

- free from paint wetting impairment substances (PWIS-free)
- flexible at low temperatures
- halogen-free
- travel > 10 m is possible
- high abrasion resistance
- minimal bending radius
- small outer diameter

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	-50/+90°C -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, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 20 AWG (≈ 28/34) ▪ 0.50 mm ²			
07740205	2	0.193 4.9	18
07740305	3	0.201 5.1	23
07740405	4	0.217 5.5	28
07740505	5	0.236 6.0	34
07740705	7	0.272 6.9	45
07741205	12	0.327 8.3	66
07741805	18	0.390 9.9	97
07742505	25	0.469 11.9	132
07743605	36	0.539 13.7	188
07745005	50	0.634 16.1	255
07746505	65	0.717 18.2	331
► 19 AWG (≈ 42/34) ▪ 0.75 mm ²			
07740207	2	0.213 5.4	24
07740307	3	0.224 5.7	30
07740407	4	0.240 6.1	36
07740507	5	0.264 6.7	44
07740707	7	0.303 7.7	60
07741207	12	0.378 9.6	92
07741807	18	0.445 11.3	135
07742507	25	0.547 13.9	186
07743607	36	0.606 15.4	257
07745007	50	0.724 18.4	353
07746507	65	0.819 20.8	459

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 18 AWG (≈ 56/34) ▪ 1.00 mm ²			
07740210	2	0.228 5.8	29
07740310	3	0.240 6.1	37
07740410	4	0.260 6.6	45
07740510	5	0.283 7.2	56
07740710	7	0.331 8.4	77
07741210	12	0.409 10.4	116
07741810	18	0.484 12.3	172
07742510	25	0.594 15.1	237
07743610	36	0.669 17.0	334
07745010	50	0.795 20.2	458
07746510	65	0.902 22.9	595
► 16 AWG (≈ 84/34) ▪ 1.50 mm ²			
07740115	1	0.157 4.0	17
07740215	2	0.252 6.4	37
07740315	3	0.264 6.7	49
07740415	4	0.287 7.3	61
07740515	5	0.315 8.0	75
07740715	7	0.378 9.6	105
07741215	12	0.469 11.9	163
07741815	18	0.559 14.2	245
07742515	25	0.673 17.1	331
07743615	36	0.756 19.2	467
07745015	50	0.906 23.0	642
07746515	65	1.024 26.0	834

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 14 AWG (≈ 140/34) ▪ 2.50 mm ²			
07740125	1	0.181 4.6	25
07740225	2	0.315 8.0	58
07740325	3	0.335 8.5	78
07740425	4	0.370 9.4	99
07740525	5	0.409 10.4	122
07740725	7	0.488 12.4	171
07741225	12	0.622 15.8	272
07741825	18	0.732 18.6	400
07742525	25	0.894 22.7	547
07743625	36	1.004 25.5	770
► 12 AWG (≈ 224/34) ▪ 4.00 mm ²			
07740140	1	0.213 5.4	36
07740240	2	0.366 9.3	85
07740340	3	0.386 9.8	114
07740440	4	0.425 10.8	141
07740540	5	0.476 12.1	183
07740740	7	0.575 14.6	261

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Continuous Flex

S 200

Continuous flex halogen-free polyurethane control cable with extreme temperature range



Marking for S 200 07740161:

SAB BRÖCKSKES · D-VIERSEN · S 200 1 x 10.0 mm² CE

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Marking for S 200 07741215:

SAB BRÖCKSKES · D-VIERSEN · S 200 12 x 1.5 mm² CE

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 10 AWG (≈ 186/32) ▪ 6.00 mm²			
07740160	1	0.240 6.1	51
07740260	2	0.425 10.8	123
07740360	3	0.461 11.7	165
07740460	4	0.504 12.8	208
07740560	5	0.571 14.5	269
07740760	7	0.681 17.3	377
► 8 AWG (≈ 320/32) ▪ 10.00 mm²			
07740161	1	0.280 7.1	79
07740361	3	0.571 14.5	273
07740461	4	0.622 15.8	340
07740561	5	0.677 17.2	421
► 6 AWG (≈ 504/32) ▪ 16.00 mm²			
07740162	1	0.327 8.3	119
07740362	3	0.677 17.2	406
07740462	4	0.748 19.0	524
07740562	5	0.835 21.2	657

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 4 AWG (≈ 760/32) ▪ 25.00 mm²			
07740163	1	0.390 9.9	181
07740363	3	0.811 20.6	618
07740463	4	0.898 22.8	794
07740563	5	1.000 25.4	998
► 2 AWG (≈ 1083/32) ▪ 35.00 mm²			
07740164	1	0.453 11.5	243
07740464	4	1.039 26.4	1074
07740564	5	1.157 29.4	1351
► 1 AWG (≈ 703/28) ▪ 50.00 mm²			
07740165	1	0.551 14.0	357
07740465	4	1.252 31.8	1518
► 2/0 AWG (≈ 988/28) ▪ 70.00 mm²			
07740166	1	0.657 16.7	500
► 3/0 AWG (≈ 1340/28) ▪ 95.00 mm²			
07740167	1	0.807 20.5	685

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 4/0 AWG (≈ 1680/28) ▪ 120.00 mm²			
07740168	1	0.846 21.5	836
► 250 MCM (≈ 2122/28) ▪ 150.00 mm²			
07740169	1	0.969 24.6	1064
► 350 MCM (≈ 1472/28) ▪ 185.00 mm²			
07740170	1	1.051 26.7	1290
► 450 MCM (≈ 1910/28) ▪ 240.00 mm²			
07740171	1	1.185 30.1	1652

Other dimensions and colors are available on request



Possible on request:

- single conductor with green/yellow insulation and black outer jacket or 0.6/1 kV