



SD 965 Continuously flexible PVC data cable with coloured cores



SD 965 26 AWG/25c 07272625 AWM Style 21083 80°C 30

Marking for SD 965 07272501:
SAB BRÖCKSKES · D-VIERSEN · 07272501 25 x 0,14 mm² SD 965 26 AWG/25c 07272625 AWM Style 21083 80°C 300V

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Colour code:	with reference to colour code acc. to US 2 see page N/11
Stranding:	specially adjusted layering with non-woven tape over each layer
Sheath material:	PVC, TM5 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour:	black (RAL 9005)

Outstanding features:

- very good flexibility
- small bending radius
- reinforced outer sheath
- oil resistant
- EAC approval

Technical data:

Peak operating voltage:	DIN VDE: max. 350 V UL: 300 V
Testing voltage U:	1500 V acc. to DIN VDE 0472 part 509
Min. bending radius continuously flexible:	7,5 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range fixed laying: flexible application:	DIN VDE UL: up to +80°C -30/+70°C -5/+70°C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1
Oil resistance:	very good - TM5 acc. to DIN VDE 0281 part 1 + HD 21.1
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

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item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
07270201	2 x 0,14	0,11	3,9	2,7	17
07270301	3 x 0,14	0,11	4,1	4,0	21
07270401	4 x 0,14	0,11	4,5	5,4	24
07270501	5 x 0,14	0,11	4,9	6,7	30
07270701	7 x 0,14	0,11	5,7	9,4	41
07271001	10 x 0,14	0,11	6,7	13,4	49
07271401	14 x 0,14	0,11	7,2	18,8	63
07271801	18 x 0,14	0,11	8,2	24,2	84
07272501	25 x 0,14	0,11	10,1	33,6	116
07270202	2 x 0,25	0,11	4,2	4,8	22
07270302	3 x 0,25	0,11	4,5	7,2	26
07270402	4 x 0,25	0,11	4,8	9,6	31
07270502	5 x 0,25	0,11	5,3	12,0	38
07270702	7 x 0,25	0,11	6,3	16,8	53

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
07271002	10 x 0,25	0,11	7,3	24,0	65
07271402	14 x 0,25	0,11	8,1	33,6	87
07271802	18 x 0,25	0,11	9,0	43,2	110
07272502	25 x 0,25	0,11	11,0	60,0	152
07270203	2 x 0,34	0,11	4,4	6,5	25
07270303	3 x 0,34	0,11	4,7	9,8	30
07270403	4 x 0,34	0,11	5,1	13,1	36
07270503	5 x 0,34	0,11	5,5	16,3	44
07270703	7 x 0,34	0,11	6,6	22,8	61
07271003	10 x 0,34	0,11	7,9	32,6	79
07271403	14 x 0,34	0,11	8,5	45,7	102
07271803	18 x 0,34	0,11	9,5	58,8	130
07272503	25 x 0,34	0,11	11,7	81,6	179

Other dimensions and colours are possible on request.



Possible on request!

- in dimensions
0,50 mm² and 0,75 mm²
- with grey outer sheath
and coloured cores
acc. to DIN 47100