



SD 950 Continuously flexible PVC data cable with coloured cores



Marking for SD 950 37302502:
SAB BRÖCKSKES · D-VIERSEN · 37302502 25 x 0,25 mm² SD 950 24 AWG/25c 37302425 SAB AWM Style 21222 75°C 300V CE

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, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1, reinforced wall thickness
Sheath colour:	grey (RAL 7032)

Outstanding features:

- very good flexibility
- small bending radius
- reinforced outer sheath
- 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 <i>continuously flexible:</i>	7,5 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	DIN VDE UL: up to +75°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
Chem. resistance:	see page N/11
Flexibility:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

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
37300201	2 x 0,14	0,11	3,1	2,7	13
37300301	3 x 0,14	0,11	3,3	4,0	15
37300401	4 x 0,14	0,11	3,5	5,4	17
37300501	5 x 0,14	0,11	3,8	6,7	21
37300701	7 x 0,14	0,11	4,4	9,4	29
37301001	10 x 0,14	0,11	5,4	13,4	37
37301201	12 x 0,14	0,11	5,6	16,1	42
37301401	14 x 0,14	0,11	5,8	18,8	47
37301801	18 x 0,14	0,11	6,4	24,2	59
37302501	25 x 0,14	0,11	7,8	33,6	79
37300202	2 x 0,25	0,11	3,4	4,8	16
37300302	3 x 0,25	0,11	3,6	7,2	19
37300402	4 x 0,25	0,11	3,9	9,6	23
37300502	5 x 0,25	0,11	4,2	12,0	28
37300702	7 x 0,25	0,11	4,9	16,8	39

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
37301002	10 x 0,25	0,11	6,0	24,0	51
37301202	12 x 0,25	0,11	6,2	28,8	58
37301402	14 x 0,25	0,11	6,5	33,6	66
37301802	18 x 0,25	0,11	7,2	43,2	84
37302502	25 x 0,25	0,11	8,7	60,0	111
37300203	2 x 0,34	0,11	4,0	6,5	22
37300303	3 x 0,34	0,11	4,2	9,8	27
37300403	4 x 0,34	0,11	4,6	13,1	30
37300503	5 x 0,34	0,11	5,0	16,3	40
37300703	7 x 0,34	0,11	6,1	22,8	53
37301003	10 x 0,34	0,11	7,3	32,6	72
37301203	12 x 0,34	0,11	7,5	39,2	83
37301403	14 x 0,34	0,11	7,9	45,7	94
37301803	18 x 0,34	0,11	8,8	58,8	119
37302503	25 x 0,34	0,11	10,9	81,6	165

Other dimensions and colours are possible on request.



On request also
possible in dimensions
0,50 mm²
and
0,75 mm²!