

Cable Track Cable

SD 86 C

continuously flexible PVC data cable with coloured cores and overall copper screen



Marking for SD 86 C 37822502:

SAB BRÜCKSKES · D-VIERSEN · SD 86 C 25 x 0,25 mm² CE

B
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Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
Colour code:	with reference to DIN 47100
Stranding:	specially adjusted layering with non-woven tape over each layer
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Sheath material:	PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3
Sheath colour:	grey (RAL 7032)

Outstanding features:



- very good flexibility
- good EMC characteristics
- small bending radius
- reinforced outer sheath

Technical Data:

Peak operating voltage:	max. 350 V acc. to VDE 0812	
Testing voltage:	core/core	1500 V
	core/screen	1200 V
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>	-30/+70 °C	
<i>flexible application:</i>	-5/+70 °C	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	
Oil resistance:	acc. to our internal standard, see chapter N „Technical Data“	
Chem. resistance:	see chapter N „Technical Data“	
Flexibility:	very good	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“	

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
37820201	2 x 0,14	0,11	3,7	11,6	20
37820301	3 x 0,14	0,11	3,9	15,0	24
37820401	4 x 0,14	0,11	4,1	15,7	26
37820501	5 x 0,14	0,11	4,4	18,8	32
37820701	7 x 0,14	0,11	5,2	23,4	42
37821201	12 x 0,14	0,11	6,3	33,9	59
37821801	18 x 0,14	0,11	7,1	45,5	78
37822501	25 x 0,14	0,11	8,8	59,8	110
37820202	2 x 0,25	0,11	4,0	15,1	24
37820302	3 x 0,25	0,11	4,2	18,3	30
37820402	4 x 0,25	0,11	4,5	21,7	34
37820502	5 x 0,25	0,11	5,0	25,9	42

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
37820702	7 x 0,25	0,11	5,7	32,9	54
37821202	12 x 0,25	0,11	6,9	48,5	76
37821802	18 x 0,25	0,11	8,3	67,0	112
37822502	25 x 0,25	0,11	9,7	89,1	145
37820203	2 x 0,34	0,11	4,8	18,7	33
37820303	3 x 0,34	0,11	5,0	23,7	39
37820403	4 x 0,34	0,11	5,4	27,1	44
37820503	5 x 0,34	0,11	5,8	32,3	54
37820703	7 x 0,34	0,11	6,8	42,4	74
37821203	12 x 0,34	0,11	8,5	63,0	110
37821803	18 x 0,34	0,11	9,8	87,9	151
37822503	25 x 0,34	0,11	11,7	136,0	209

Other dimensions and colours are possible on request.



Possible on request:

- in dimensions
0,50 mm² and 0,75 mm²