

Cable Track Cable

SD 960 P

continuously flexible PUR data cable with coloured cores



30°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 P 07762503:

SAB BRÖCKSKES · D-VIERSEN · 07762503 25 x 0,34 mm² SD 960 P 22 AWG/25c 07762225

AWM Style 20233 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
Colour code:	acc. to colour code US 2, see chapter N „Technical data“
Stranding:	specially adjusted layering with non-woven tape over each layer
Sheath material:	PU acc. to UL 758 with mat surface
Sheath colour:	grey (RAL 7032)

Technical Data:

Peak operating voltage:	max. 350 V	
Voltage UL/CSA:	300 V	
Testing voltage:	core/core 1500 V	
Min. bending radius <i>continuously flexible:</i>	7,5 x d	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	DIN VDE -30/+70 °C	UL/CSA: up to +80 °C
Fire performance:	flame retardant and self-extinguishing acc. to UL FT1, CSA FT1, FT2	
Oil resistance:	very good - oilrating 60 °C acc. to UL 758	
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

Outstanding features:



- very good oil resistant
- very good chemical resistance
- high abrasion resistance
- very good flexibility

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
07760201	2 x 0,14	0,11	4,5	2,7	20
07760301	3 x 0,14	0,11	4,7	4,0	24
07760401	4 x 0,14	0,11	5,1	5,4	28
07760501	5 x 0,14	0,11	5,5	6,7	34
07760701	7 x 0,14	0,11	6,3	9,4	45
07761001	10 x 0,14	0,11	7,0	13,4	54
07761401	14 x 0,14	0,11	7,5	18,8	71
07761801	18 x 0,14	0,11	8,6	24,2	84
07762501	25 x 0,14	0,11	10,1	33,6	108
07760202	2 x 0,25	0,11	4,8	4,8	24
07760302	3 x 0,25	0,11	5,1	7,2	29
07760402	4 x 0,25	0,11	5,4	9,6	34
07760502	5 x 0,25	0,11	5,9	12,0	42
07760702	7 x 0,25	0,11	6,8	16,8	52

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
07761002	10 x 0,25	0,11	7,6	24,0	70
07761402	14 x 0,25	0,11	8,2	33,6	84
07761802	18 x 0,25	0,11	9,3	43,2	110
07762502	25 x 0,25	0,11	11,4	60,0	150
07760203	2 x 0,34	0,11	5,0	6,5	27
07760303	3 x 0,34	0,11	5,3	9,8	32
07760403	4 x 0,34	0,11	5,7	13,1	39
07760503	5 x 0,34	0,11	6,1	16,3	47
07760703	7 x 0,34	0,11	7,1	22,8	59
07761003	10 x 0,34	0,11	8,0	32,6	77
07761403	14 x 0,34	0,11	8,6	45,7	100
07761803	18 x 0,34	0,11	9,8	58,8	128
07762503	25 x 0,34	0,11	12,1	81,6	175

Other dimensions and colours are possible on request.

Possible on request:



- in dimensions
0,50 mm² and 0,75 mm²
- with orange outer sheath
and coloured cores
with reference to DIN 47100