

Cable Track Cable

SD 960 CP

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



CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · 07862501 25 x 0,14 mm² SD 960 CP 26 AWG/25c 07862625

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, T12 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
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
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 core/screen 1200 V
Min. bending radius continuously flexible:	7,5 x d
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range fixed laying: flexible application:	DIN VDE UL/CSA: up to +80 °C -30/+70 °C -5/+70 °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 EMC characteristics
- » high abrasion resistance
- » very good flexibility

item no.	no. of cores x cross section n x mm²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07860201	2 x 0,14	0,11	5,0	16,5	31
07860301	3 x 0,14	0,11	5,2	17,9	33
07860401	4 x 0,14	0,11	5,6	19,4	38
07860501	5 x 0,14	0,11	6,0	22,7	45
07860701	7 x 0,14	0,11	6,8	27,1	56
07861001	10 x 0,14	0,11	7,7	34,9	68
07861401	14 x 0,14	0,11	8,9	41,9	88
07861801	18 x 0,14	0,11	9,1	50,5	102
07862501	25 x 0,14	0,11	11,2	81,5	147
07860202	2 x 0,25	0,11	5,3	18,7	33
07860302	3 x 0,25	0,11	5,6	21,2	39
07860402	4 x 0,25	0,11	5,9	25,5	45
07860502	5 x 0,25	0,11	6,4	28,1	53
07860702	7 x 0,25	0,11	8,1	36,5	81

item no.	no. of cores x cross section n x mm²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07861002	10 x 0,25	0,11	9,0	49,8	89
07861402	14 x 0,25	0,11	9,6	61,9	111
07861802	18 x 0,25	0,11	9,8	72,4	129
07862502	25 x 0,25	0,11	12,1	114,5	187
07860203	2 x 0,34	0,11	5,5	20,5	36
07860303	3 x 0,34	0,11	5,8	23,9	42
07860403	4 x 0,34	0,11	6,2	29,1	50
07860503	5 x 0,34	0,11	6,6	34,0	59
07860703	7 x 0,34	0,11	7,6	44,2	73
07861003	10 x 0,34	0,11	9,4	70,8	122
07861403	14 x 0,34	0,11	10,0	86,8	154
07861803	18 x 0,34	0,11	10,5	106,4	161
07862503	25 x 0,34	0,11	12,7	141,2	215

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.