

SD 960 CP TP

Continuous flex twisted pairs shielded polyurethane data cable for small bending radius



Marking for SD 960 CP TP 07872405:

SAB BRÖCKSKES · D-VIERSEN · 07870525 5 x 2 x 0.25 mm² SD 960 CP TP 24 AWG/5pr 07872405

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
Color code:	acc. to color code US 3, see page O/27
Stranding:	conductors twisted to pairs, pairs twisted in specially adjusted layering with non-woven tape over each layer
Shielding:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	PU acc. to UL 758 with matte surface
Jacket color:	grayish tan (RAL 7032)

Outstanding features:

- very good EMC characteristics
- high abrasion resistance
- very good flexibility

Technical data:

Peak operating voltage:	max. 350 V
Voltage UL/CSA:	300 V
Testing voltage:	conductor/conductor: 1500 V conductor/shielding: 1200 V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE UL/CSA: up to +80°C -30/+70°C +5/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to UL FT1, CSA FT1, FT2
Oil resistance:	very good- oil rating 60°C acc. to UL 758
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Approvals:	UL AWM, CSA AWM, CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

B
23

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 26 AWG (≈ 18/38) • 0.14 mm ²				
07872602	2	0.252	6.4	31
07872603	3	0.268	6.8	35
07872604	4	0.311	7.9	43
07872605	5	0.335	8.5	50
07872607	7	0.354	9.0	78
07872610	10	0.417	10.6	84
07872614	14	0.496	12.6	114
07872618	18	0.555	14.1	159
07872625	25	0.638	16.2	196
► 24 AWG (≈ 32/38) • 0.25 mm ²				
07872402	2	0.268	6.8	35
07872403	3	0.295	7.5	42
07872404	4	0.331	8.4	51
07872405	5	0.362	9.2	62
07872407	7	0.386	9.8	81
07872408	8	0.450	11.4	98
07872410	10	0.469	11.9	111
07872414	14	0.563	14.3	160
07872418	18	0.614	15.6	202
07872425	25	0.693	17.6	249

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 22 AWG (≈ 42/38) • 0.34 mm ²				
07872202	2	0.280	7.1	40
07872203	3	0.303	7.7	46
07872204	4	0.350	8.9	58
07872205	5	0.378	9.6	68
07872207	7	0.413	10.5	101
07872210	10	0.492	12.5	126
07872214	14	0.594	15.1	184
07872218	18	0.646	16.4	221
07872225	25	0.732	18.6	285
► 20 AWG (≈ 28/34) • 0.50 mm ²				
07872002	2	0.303	7.7	50
07872003	3	0.335	8.5	58
07872004	4	0.382	9.7	73
07872005	5	0.421	10.7	101
07872007	7	0.469	11.9	123
07872010	10	0.563	14.3	179
07872014	14	0.657	16.7	240
07872018	18	0.713	18.1	308
07872025	25	0.807	20.5	376

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 19 AWG (≈ 42/34) • 0.75 mm ²				
07871902	2	0.339	8.6	61
07871903	3	0.374	9.5	73
07871904	4	0.441	11.2	101
07871905	5	0.488	12.4	130
07871907	7	0.551	14.0	187
07871910	10	0.642	16.3	223
07871914	14	0.752	19.1	306
07871918	18	0.819	20.8	384
07871925	25	0.976	24.8	531

Other dimensions and colors are available on request



Possible on request:

- colored conductors acc. to DIN 47100