

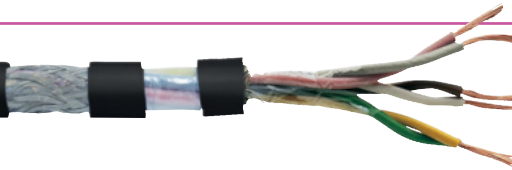
Cable Track Cable

SD 960 CY TP

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



AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 CY TP 07770525:

SAB BRÜCKSKES · D-VIERSEN · 07770325 3 x 2 x 0,25 mm² SD 960 CY TP 24 AWG/3pr 07772403 AWM Style 21083 80°C 300V 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 3, see chapter N „Technical data“ |
| Stranding: | cores twisted to pairs, pairs twisted in specially adjusted layering with non-woven tape over the outer layer |
| Screen: | tinned copper braiding |
| Sheath material: | PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3 |
| Sheath colour: | black (RAL 9005) |

Technical Data:

| | | |
|---|--|-------------------------|
| Peak operating voltage: | max. 350 V | |
| Voltage UL: | 300 V | |
| 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 | DIN VDE | UL: up to +80 °C |
| <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, UL VW-1 | |
| Oil resistance: | acc. to our internal standard, see chapter N „Technical data“ | |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ | |

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Outstanding features:



- good flexibility
- small bending radius
- reinforced outer sheath

| item no. | no. of pairs x cross section n x 2 x mm ² | largest single wire ø mm | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 07770214 | 2 x 2 x 0,14 | 0,11 | 5,6 | 19,4 | 38 |
| 07770314 | 3 x 2 x 0,14 | 0,11 | 6,4 | 33,0 | 52 |
| 07770414 | 4 x 2 x 0,14 | 0,11 | 7,3 | 43,1 | 66 |
| 07770514 | 5 x 2 x 0,14 | 0,11 | 7,9 | 46,3 | 77 |
| 07770714 | 7 x 2 x 0,14 | 0,11 | 8,5 | 54,0 | 99 |
| 07771014 | 10 x 2 x 0,14 | 0,11 | 9,9 | 70,7 | 117 |
| 07771414 | 14 x 2 x 0,14 | 0,11 | 11,5 | 87,3 | 150 |
| 07771814 | 18 x 2 x 0,14 | 0,11 | 12,4 | 107,0 | 189 |
| 07772514 | 25 x 2 x 0,14 | 0,11 | 14,1 | 128,6 | 231 |
| 07770225 | 2 x 2 x 0,25 | 0,11 | 6,3 | 34,4 | 54 |
| 07770325 | 3 x 2 x 0,25 | 0,11 | 6,9 | 42,2 | 63 |
| 07770425 | 4 x 2 x 0,25 | 0,11 | 7,9 | 52,1 | 78 |
| 07770525 | 5 x 2 x 0,25 | 0,11 | 8,6 | 59,4 | 94 |
| 07770725 | 7 x 2 x 0,25 | 0,11 | 9,2 | 69,9 | 122 |
| 07771025 | 10 x 2 x 0,25 | 0,11 | 10,8 | 96,2 | 149 |
| 07771425 | 14 x 2 x 0,25 | 0,11 | 12,6 | 126,1 | 196 |
| 07771825 | 18 x 2 x 0,25 | 0,11 | 13,6 | 147,0 | 242 |
| 07772525 | 25 x 2 x 0,25 | 0,11 | 15,7 | 211,2 | 323 |
| 07770234 | 2 x 2 x 0,34 | 0,11 | 6,6 | 38,4 | 57 |
| 07770334 | 3 x 2 x 0,34 | 0,11 | 7,2 | 47,9 | 70 |
| 07770434 | 4 x 2 x 0,34 | 0,11 | 8,3 | 61,0 | 88 |
| 07770534 | 5 x 2 x 0,34 | 0,11 | 9,0 | 68,6 | 106 |
| 07770734 | 7 x 2 x 0,34 | 0,11 | 9,7 | 89,4 | 144 |

| item no. | no. of pairs x cross section n x 2 x mm ² | largest single wire ø mm | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 07771034 | 10 x 2 x 0,34 | 0,11 | 11,4 | 114,6 | 169 |
| 07771434 | 14 x 2 x 0,34 | 0,11 | 13,3 | 151,4 | 224 |
| 07771834 | 18 x 2 x 0,34 | 0,11 | 14,6 | 205,9 | 300 |
| 07772534 | 25 x 2 x 0,34 | 0,11 | 16,6 | 273,7 | 386 |
| 07770250 | 2 x 2 x 0,50 | 0,16 | 7,2 | 47,5 | 70 |
| 07770350 | 3 x 2 x 0,50 | 0,16 | 7,9 | 61,7 | 86 |
| 07770450 | 4 x 2 x 0,50 | 0,16 | 9,1 | 74,5 | 106 |
| 07770550 | 5 x 2 x 0,50 | 0,16 | 10,0 | 92,1 | 134 |
| 07770750 | 7 x 2 x 0,50 | 0,16 | 10,8 | 115,6 | 181 |
| 07771050 | 10 x 2 x 0,50 | 0,16 | 12,6 | 154,9 | 218 |
| 07771450 | 14 x 2 x 0,50 | 0,16 | 15,0 | 223,8 | 305 |
| 07771850 | 18 x 2 x 0,50 | 0,16 | 16,2 | 265,4 | 378 |
| 07772550 | 25 x 2 x 0,50 | 0,16 | 18,5 | 355,9 | 490 |
| 07770275 | 2 x 2 x 0,75 | 0,16 | 8,1 | 61,9 | 90 |
| 07770375 | 3 x 2 x 0,75 | 0,16 | 9,0 | 79,2 | 111 |
| 07770475 | 4 x 2 x 0,75 | 0,16 | 10,4 | 105,3 | 144 |
| 07770575 | 5 x 2 x 0,75 | 0,16 | 11,3 | 121,3 | 176 |
| 07770775 | 7 x 2 x 0,75 | 0,16 | 12,3 | 159,2 | 244 |
| 07771075 | 10 x 2 x 0,75 | 0,16 | 14,6 | 232,4 | 311 |
| 07771475 | 14 x 2 x 0,75 | 0,16 | 17,2 | 313,8 | 419 |
| 07771875 | 18 x 2 x 0,75 | 0,16 | 18,6 | 375,4 | 523 |
| 07772575 | 25 x 2 x 0,75 | 0,16 | 21,8 | 484,6 | 689 |

Other dimensions and colours are possible on request.



Possible on request:

- with grey outer sheath and coloured cores with reference to DIN 47100