

Cable Track Cable

SD 960 CY

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



Marking for SD 960 CY 07852502:

SAB BRÜCKSKES · D-VIERSEN · 07852502 25 x 0,25 mm² SD 960 CY 24 AWG/25c 07852425 AWM Style 21083 80°C 300V

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: | PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1 |
| Sheath colour: | black (RAL 9005) |

Outstanding features:

- » very good EMC characteristics
- » very good flexibility
- » small bending radius

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 <i>fixed laying:</i> <i>flexible application:</i> | DIN VDE UL/CSA: up to +80 °C -40/+70 °C -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“ |

| 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 07850201 | 2 x 0,14 | 0,11 | 4,5 | 13,8 | 26 |
| 07850301 | 3 x 0,14 | 0,11 | 4,7 | 15,7 | 30 |
| 07850401 | 4 x 0,14 | 0,11 | 5,2 | 19,4 | 35 |
| 07850501 | 5 x 0,14 | 0,11 | 5,6 | 22,6 | 42 |
| 07850701 | 7 x 0,14 | 0,11 | 6,4 | 26,1 | 56 |
| 07851001 | 10 x 0,14 | 0,11 | 7,5 | 45,7 | 67 |
| 07851401 | 14 x 0,14 | 0,11 | 8,5 | 56,4 | 89 |
| 07851801 | 18 x 0,14 | 0,11 | 9,3 | 64,7 | 109 |
| 07852501 | 25 x 0,14 | 0,11 | 11,0 | 84,4 | 149 |
| 07850202 | 2 x 0,25 | 0,11 | 4,9 | 18,0 | 30 |
| 07850302 | 3 x 0,25 | 0,11 | 5,2 | 20,7 | 36 |
| 07850402 | 4 x 0,25 | 0,11 | 5,5 | 25,5 | 42 |
| 07850502 | 5 x 0,25 | 0,11 | 6,2 | 28,3 | 53 |
| 07850702 | 7 x 0,25 | 0,11 | 7,1 | 46,3 | 64 |

| 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 07851002 | 10 x 0,25 | 0,11 | 8,5 | 61,7 | 90 |
| 07851402 | 14 x 0,25 | 0,11 | 9,2 | 72,1 | 112 |
| 07851802 | 18 x 0,25 | 0,11 | 10,1 | 93,2 | 137 |
| 07852502 | 25 x 0,25 | 0,11 | 12,5 | 115,8 | 200 |
| 07850203 | 2 x 0,34 | 0,11 | 5,1 | 19,9 | 33 |
| 07850303 | 3 x 0,34 | 0,11 | 5,4 | 25,4 | 39 |
| 07850403 | 4 x 0,34 | 0,11 | 5,8 | 29,1 | 46 |
| 07850503 | 5 x 0,34 | 0,11 | 6,4 | 44,5 | 59 |
| 07850703 | 7 x 0,34 | 0,11 | 7,4 | 54,9 | 73 |
| 07851003 | 10 x 0,34 | 0,11 | 8,8 | 70,9 | 102 |
| 07851403 | 14 x 0,34 | 0,11 | 9,6 | 86,8 | 128 |
| 07851803 | 18 x 0,34 | 0,11 | 10,8 | 109,4 | 169 |
| 07852503 | 25 x 0,34 | 0,11 | 13,0 | 139,1 | 228 |

Other dimensions and colours are possible on request.

Possible on request:

In dimensions 0,50 mm² and 0,75 mm².
With grey outer sheath
and coloured cores with reference to DIN 47100.