

Cable Track Cable

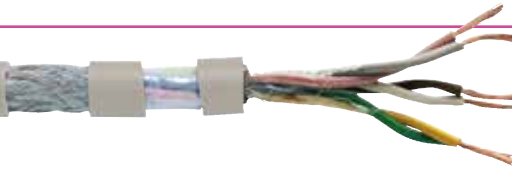
SD 90 C TP

continuously flexible paired PVC/PUR data cable with overall copper screen

with
coloured cores

SABFlex

N · SD 90 C TP 3 x 2 x 0,5 mm² €€



marking example:

SAB BRÜCKSKES · D-VIERSEN · SD 90 C TP 3 x 2 x 0,5 mm² €€

Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper strands, extra fine wires |
| Insulation: | PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3 |
| Colour code: | with reference to DIN 47100 |
| Stranding: | cores twisted to pairs, pairs twisted in specially adjusted layering with non-woven tape over each layer |
| Wrapping: | non-woven tape |
| Screen: | tinned copper braiding |
| Wrapping: | non-woven tape |
| Sheath material: | PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface |
| Sheath colour: | grey (RAL 7032) |

Technical Data:

| | |
|--|---|
| Peak operating voltage: | max. 350 V acc. to VDE 0812 |
| Testing voltage: | core/core 1500 V core/screen 1200 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> | -30/+70 °C -5/+70 °C |
| Oil resistance: | very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| Chem. resistance: | good against acids, alkalines, solvents, hydraulic liquids etc. |
| Flexibility: | very good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

Outstanding features:

- » very good EMC characteristics
- » improved abrasion resistance
- » high tear resistance
- » good chemical resistance
- » increased efficiency

| 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 |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 07710214 | 2 x 2 x 0,14 | 0,11 | 4,9 | 15,9 | 31 |
| 07710314 | 3 x 2 x 0,14 | 0,11 | 5,4 | 20,3 | 37 |
| 07710414 | 4 x 2 x 0,14 | 0,11 | 6,0 | 24,7 | 44 |
| 07710514 | 5 x 2 x 0,14 | 0,11 | 6,5 | 30,3 | 54 |
| 07710714 | 7 x 2 x 0,14 | 0,11 | 7,0 | 35,9 | 67 |
| 07711814 | 18 x 2 x 0,14 | 0,11 | 10,4 | 89,7 | 143 |
| 07712514 | 25 x 2 x 0,14 | 0,11 | 12,1 | 114,4 | 186 |
| 07710225 | 2 x 2 x 0,25 | 0,11 | 5,4 | 21,8 | 40 |
| 07710325 | 3 x 2 x 0,25 | 0,11 | 5,9 | 28,3 | 48 |
| 07710425 | 4 x 2 x 0,25 | 0,11 | 6,7 | 36,2 | 59 |
| 07710525 | 5 x 2 x 0,25 | 0,11 | 7,2 | 42,7 | 70 |
| 07710725 | 7 x 2 x 0,25 | 0,11 | 7,6 | 54,1 | 90 |
| 07711825 | 18 x 2 x 0,25 | 0,11 | 12,0 | 133,5 | 204 |
| 07712525 | 25 x 2 x 0,25 | 0,11 | 13,9 | 177,2 | 269 |
| 07710234 | 2 x 2 x 0,34 | 0,11 | 6,3 | 28,4 | 53 |
| 07710334 | 3 x 2 x 0,34 | 0,11 | 6,9 | 36,6 | 63 |
| 07710434 | 4 x 2 x 0,34 | 0,11 | 7,9 | 46,7 | 78 |
| 07710534 | 5 x 2 x 0,34 | 0,11 | 8,8 | 55,4 | 97 |

| 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 |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 07710734 | 7 x 2 x 0,34 | 0,11 | 9,4 | 70,9 | 127 |
| 07711834 | 18 x 2 x 0,34 | 0,11 | 14,8 | 175,2 | 287 |
| 07712534 | 25 x 2 x 0,34 | 0,11 | 17,1 | 258,6 | 391 |
| 07710250 | 2 x 2 x 0,50 | 0,16 | 6,9 | 36,2 | 65 |
| 07710350 | 3 x 2 x 0,50 | 0,16 | 7,6 | 49,3 | 81 |
| 07710450 | 4 x 2 x 0,50 | 0,16 | 8,9 | 61,2 | 101 |
| 07710550 | 5 x 2 x 0,50 | 0,16 | 9,7 | 73,3 | 123 |
| 07710750 | 7 x 2 x 0,50 | 0,16 | 11,0 | 108,6 | 180 |
| 07711850 | 18 x 2 x 0,50 | 0,16 | 16,8 | 267,8 | 399 |
| 07712550 | 25 x 2 x 0,50 | 0,16 | 19,2 | 347,3 | 509 |
| 07710275 | 2 x 2 x 0,75 | 0,16 | 7,8 | 49,3 | 87 |
| 07710375 | 3 x 2 x 0,75 | 0,16 | 8,8 | 65,9 | 110 |
| 07710475 | 4 x 2 x 0,75 | 0,16 | 10,4 | 98,9 | 148 |
| 07710575 | 5 x 2 x 0,75 | 0,16 | 11,7 | 118,9 | 188 |
| 07710775 | 7 x 2 x 0,75 | 0,16 | 12,6 | 152,4 | 246 |
| 07711875 | 18 x 2 x 0,75 | 0,16 | 19,4 | 366,8 | 545 |
| 07712575 | 25 x 2 x 0,75 | 0,16 | 22,4 | 481,4 | 709 |

Other dimensions and colours are possible on request.