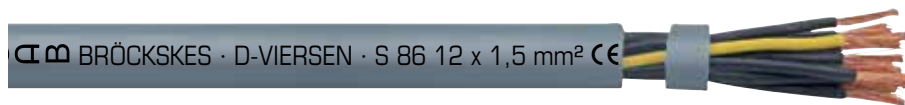


Cable Track Cable

S 86

continuously flexible PVC control cable with numbered cores



Marking for S 86 37721215:

SAB BRÖCKSKES · D-VIERSEN · S 86 12 x 1,5 mm² CE

Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, VDE 0295, class 6 |
| Insulation: | PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3 |
| Colour code: | black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores |
| Stranding: | specially adjusted layering with non-woven tape over each layer |
| Sheath material: | PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1, reinforced wall thickness |
| Sheath colour: | grey (RAL 7000) |

Outstanding features:

- » very good flexibility
- » small bending radius
- » reinforced outer sheath

Technical Data:

| | |
|--|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | core/core 3000 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> | -40/+70 °C +5/+70 °C |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 |
| Oil resistance: | acc. to our internal standard, see chapter N „Technical data“ |
| Chem. resistance: | see chapter N „Technical data“ |
| Flexibility: | very good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

Also available as hybrid cable for example

| | |
|-----------------------------------|---|
| 3G1,0 + 16 x 0,34 mm ² | Peak operating voltage of data conductors: |
| 3G1,0 + 8 x 0,34 mm ² | max. 500 V |
| 1G0,5 + 4 x 0,34 mm ² | |

| 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 37720205 | 2 x 0,50 | 0,16 | 5,3 | 9,6 | 38 |
| 37720305 | 3 x 0,50 | 0,16 | 5,6 | 14,4 | 45 |
| 37720405 | 4 x 0,50 | 0,16 | 6,2 | 19,2 | 56 |
| 37720505 | 5 x 0,50 | 0,16 | 6,8 | 24,0 | 69 |
| 37720705 | 7 x 0,50 | 0,16 | 8,0 | 33,6 | 97 |
| 37721205 | 12 x 0,50 | 0,16 | 9,9 | 57,6 | 141 |
| 37721805 | 18 x 0,50 | 0,16 | 11,6 | 86,4 | 203 |
| 37722505 | 25 x 0,50 | 0,16 | 14,2 | 120,0 | 280 |
| 37720207 | 2 x 0,75 | 0,16 | 5,8 | 14,4 | 46 |
| 37720307 | 3 x 0,75 | 0,16 | 6,3 | 21,6 | 59 |
| 37720407 | 4 x 0,75 | 0,16 | 6,8 | 28,8 | 71 |
| 37720507 | 5 x 0,75 | 0,16 | 7,6 | 36,0 | 90 |
| 37720707 | 7 x 0,75 | 0,16 | 9,1 | 50,4 | 128 |
| 37721207 | 12 x 0,75 | 0,16 | 11,1 | 86,4 | 186 |
| 37721807 | 18 x 0,75 | 0,16 | 13,1 | 129,6 | 270 |
| 37722507 | 25 x 0,75 | 0,16 | 15,9 | 180,0 | 368 |
| 37720210 | 2 x 1,00 | 0,16 | 6,2 | 19,2 | 56 |
| 37720310 | 3 x 1,00 | 0,16 | 6,5 | 28,8 | 68 |
| 37720410 | 4 x 1,00 | 0,16 | 7,1 | 38,4 | 82 |
| 37720510 | 5 x 1,00 | 0,16 | 7,9 | 48,0 | 104 |
| 37720710 | 7 x 1,00 | 0,16 | 9,4 | 67,2 | 147 |
| 37721210 | 12 x 1,00 | 0,16 | 11,5 | 115,2 | 218 |
| 37721810 | 18 x 1,00 | 0,16 | 13,8 | 172,8 | 324 |
| 37722510 | 25 x 1,00 | 0,16 | 16,7 | 240,0 | 442 |
| 37720215 | 2 x 1,50 | 0,16 | 6,8 | 28,8 | 70 |
| 37720315 | 3 x 1,50 | 0,16 | 7,2 | 43,2 | 87 |
| 37720415 | 4 x 1,50 | 0,16 | 8,0 | 57,6 | 111 |
| 37720515 | 5 x 1,50 | 0,16 | 8,7 | 72,0 | 136 |
| 37720715 | 7 x 1,50 | 0,16 | 10,6 | 100,8 | 198 |

| 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 37721215 | 12 x 1,50 | 0,16 | 13,0 | 172,8 | 294 |
| 37721815 | 18 x 1,50 | 0,16 | 15,5 | 259,2 | 437 |
| 37722515 | 25 x 1,50 | 0,16 | 18,8 | 360,0 | 594 |
| 37720225 | 2 x 2,50 | 0,16 | 8,6 | 48,0 | 111 |
| 37720325 | 3 x 2,50 | 0,16 | 9,3 | 72,0 | 143 |
| 37720425 | 4 x 2,50 | 0,16 | 10,1 | 96,0 | 176 |
| 37720525 | 5 x 2,50 | 0,16 | 11,3 | 120,0 | 221 |
| 37720725 | 7 x 2,50 | 0,16 | 13,6 | 168,0 | 324 |
| 37721225 | 12 x 2,50 | 0,16 | 16,9 | 288,0 | 486 |
| 37721825 | 18 x 2,50 | 0,16 | 20,3 | 432,0 | 707 |
| 37722525 | 25 x 2,50 | 0,16 | 24,7 | 600,0 | 995 |
| 37720240 | 2 x 4,00 | 0,16 | 9,9 | 76,8 | 156 |
| 37720340 | 3 x 4,00 | 0,16 | 10,8 | 115,2 | 213 |
| 37720440 | 4 x 4,00 | 0,16 | 11,8 | 153,6 | 269 |
| 37720540 | 5 x 4,00 | 0,16 | 13,1 | 192,0 | 321 |
| 37720740 | 7 x 4,00 | 0,16 | 16,5 | 268,8 | 488 |
| 37720260 | 2 x 6,00 | 0,21 | 12,3 | 115,2 | 227 |
| 37720360 | 3 x 6,00 | 0,21 | 13,0 | 172,8 | 305 |
| 37720460 | 4 x 6,00 | 0,21 | 14,4 | 230,4 | 391 |
| 37720560 | 5 x 6,00 | 0,21 | 16,1 | 288,0 | 472 |
| 37720760 | 7 x 6,00 | 0,21 | 19,5 | 403,2 | 690 |
| 37720361 | 3 x 10,0 | 0,21 | 15,7 | 288,0 | 475 |
| 37720461 | 4 x 10,0 | 0,21 | 17,3 | 384,0 | 630 |
| 37720561 | 5 x 10,0 | 0,21 | 19,5 | 480,0 | 773 |
| 37720462 | 4 x 16,0 | 0,21 | 20,9 | 614,4 | 943 |
| 37720562 | 5 x 16,0 | 0,21 | 23,3 | 768,0 | 1133 |
| 37720463 | 4 x 25,0 | 0,21 | 24,7 | 960,0 | 1310 |
| 37720464 | 4 x 35,0 | 0,21 | 28,7 | 1344,0 | 1807 |
| 37720465 | 4 x 50,0 | 0,31 | 34,5 | 1920,0 | 2623 |

Other dimensions and colours are possible on request.