

Cable Track Cable

S 960 P red

continuously flexible PUR control cable with numbered red cores



marking example:

SAB BRÖCKSKES · D-VIERSEN · 37200715 7 x 1,5 mm² S 960 P red 16 AWG/7c 37201607

AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

Construction:

Conductor: bare copper strands
acc. to IEC 60228, VDE 0295, class 6

Insulation: PVC, Tl2
acc. to EN 50363-3 + VDE 0207-363-3

Colour code: red 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: PU acc. to UL 758 with mat surface

Sheath colour: grey (RAL 7000)

Technical Data:

Peak operating voltage: U_o/U 300/500 V

Voltage UL/CSA: 600 V

Testing voltage: core/core 2000 V

Min. bending radius
continuously flexible: 7,5 x d

Radiation resistance: 5 x 10⁷ cJ/kg

Temperature range DIN VDE UL/CSA: up to +80 °C
fixed laying: -40/+70 °C
flexible application: +5/+70 °C

Fire performance: flame retardant and self-extinguishing
acc. to IEC 60332-1-2 + VDE 0482-332-1-2,
UL VW-1, CSA FT1, FT2

Oil resistance: very good - oilrating 60 °C acc. to UL 758

Chem. resistance: good against acids, alkalines, solvents,
hydraulic liquids etc.

Absence of harmful substances: acc. to RoHS directive of the European Union,
see chapter N „Technical data“

Outstanding features:

- » very good oil resistant
- » very good chemical resistance
- » high abrasion resistance
- » very good flexibility

| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 37200205 | 2 x 0,50 | 0,16 | 6,4 | 10,6 | 46 |
| 37200305 | 3 x 0,50 | 0,16 | 6,7 | 15,8 | 54 |
| 37200405 | 4 x 0,50 | 0,16 | 7,1 | 21,1 | 63 |
| 37200505 | 5 x 0,50 | 0,16 | 7,7 | 26,4 | 77 |
| 37200705 | 7 x 0,50 | 0,16 | 8,8 | 37,0 | 104 |
| 37201205 | 12 x 0,50 | 0,16 | 10,5 | 63,4 | 145 |
| 37201805 | 18 x 0,50 | 0,16 | 12,0 | 95,0 | 200 |
| 37202505 | 25 x 0,50 | 0,16 | 14,3 | 132,0 | 268 |
| 37200207 | 2 x 0,75 | 0,16 | 6,8 | 14,4 | 55 |
| 37200307 | 3 x 0,75 | 0,16 | 7,1 | 21,6 | 62 |
| 37200407 | 4 x 0,75 | 0,16 | 7,6 | 28,8 | 74 |
| 37200507 | 5 x 0,75 | 0,16 | 8,2 | 36,0 | 89 |
| 37200707 | 7 x 0,75 | 0,16 | 9,5 | 50,4 | 121 |
| 37201207 | 12 x 0,75 | 0,16 | 11,3 | 86,4 | 171 |
| 37201807 | 18 x 0,75 | 0,16 | 13,1 | 129,6 | 239 |
| 37202507 | 25 x 0,75 | 0,16 | 15,8 | 180,0 | 329 |
| 37200210 | 2 x 1,00 | 0,16 | 7,0 | 19,2 | 61 |
| 37200310 | 3 x 1,00 | 0,16 | 7,3 | 28,8 | 70 |
| 37200410 | 4 x 1,00 | 0,16 | 7,9 | 38,4 | 85 |
| 37200510 | 5 x 1,00 | 0,16 | 8,5 | 48,0 | 103 |
| 37200710 | 7 x 1,00 | 0,16 | 9,8 | 67,2 | 131 |
| 37201210 | 12 x 1,00 | 0,16 | 11,7 | 115,2 | 202 |
| 37201810 | 18 x 1,00 | 0,16 | 13,6 | 172,8 | 297 |
| 37202510 | 25 x 1,00 | 0,16 | 16,4 | 240,0 | 392 |
| 37200215 | 2 x 1,50 | 0,16 | 7,6 | 28,8 | 74 |
| 37200315 | 3 x 1,50 | 0,16 | 8,0 | 43,2 | 90 |
| 37200415 | 4 x 1,50 | 0,16 | 8,6 | 57,6 | 109 |
| 37200515 | 5 x 1,50 | 0,16 | 9,3 | 72,0 | 134 |

| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|------------------------|---------------------------|----------------------------|
| 37200715 | 7 x 1,50 | 0,16 | 10,8 | 100,8 | 184 |
| 37201215 | 12 x 1,50 | 0,16 | 12,9 | 172,8 | 269 |
| 37201815 | 18 x 1,50 | 0,16 | 15,1 | 259,2 | 392 |
| 37202515 | 25 x 1,50 | 0,16 | 18,3 | 360,0 | 529 |
| 37200225 | 2 x 2,50 | 0,16 | 9,2 | 48,0 | 110 |
| 37200325 | 3 x 2,50 | 0,16 | 9,7 | 72,0 | 136 |
| 37200425 | 4 x 2,50 | 0,16 | 10,5 | 96,0 | 168 |
| 37200525 | 5 x 2,50 | 0,16 | 11,5 | 120,0 | 202 |
| 37200725 | 7 x 2,50 | 0,16 | 13,5 | 168,0 | 269 |
| 37201225 | 12 x 2,50 | 0,16 | 16,6 | 288,0 | 436 |
| 37201825 | 18 x 2,50 | 0,16 | 19,9 | 432,0 | 637 |
| 37202525 | 25 x 2,50 | 0,16 | 25,4 | 600,0 | 922 |
| 37200340 | 3 x 4,00 | 0,16 | 11,8 | 115,2 | 207 |
| 37200440 | 4 x 4,00 | 0,16 | 11,9 | 153,6 | 246 |
| 37200540 | 5 x 4,00 | 0,16 | 13,1 | 192,0 | 298 |
| 37200740 | 7 x 4,00 | 0,16 | 16,6 | 268,8 | 413 |
| 37200360 | 3 x 6,00 | 0,21 | 13,4 | 172,8 | 302 |
| 37200460 | 4 x 6,00 | 0,21 | 14,5 | 230,4 | 368 |
| 37200560 | 5 x 6,00 | 0,21 | 16,0 | 288,0 | 457 |
| 37200461 | 4 x 10,0 | 0,21 | 17,9 | 384,0 | 600 |
| 37200561 | 5 x 10,0 | 0,21 | 19,7 | 480,0 | 749 |
| 37200462 | 4 x 16,0 | 0,21 | 20,9 | 614,4 | 856 |
| 37200562 | 5 x 16,0 | 0,21 | 24,2 | 768,0 | 1093 |
| 37200463 | 4 x 25,0 | 0,21 | 25,9 | 960,0 | 1328 |
| 37200563 | 5 x 25,0 | 0,21 | 28,5 | 1200,0 | 1620 |
| 37200464 | 4 x 35,0 | 0,21 | 29,2 | 1344,0 | 1733 |
| 37200564 | 5 x 35,0 | 0,21 | 32,3 | 1680,0 | 2113 |
| 37200465 | 4 x 50,0 | 0,21 | 34,3 | 1920,0 | 2469 |

Other dimensions and colours are possible on request.

Possible on request:
With orange outer sheath
and black or blue cores