

Cable Track Cable

S 960 blue

continuously flexible PVC control cable with numbered blue cores



Marking for S 960 blue 07511215:

SAB BRÜCKSKES · D-VIERSEN · 07511215 12 x 1,5 mm² S 960 blue 16 AWG/12c 07511612

AWM Style 2587 90°C 600V CSA AWM I/II A/B 90°C 600V FT1 FT2 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: | blue 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 50363-3 + VDE 0207-363-3 |
| Sheath colour: | black (RAL 9005) |

| Technical Data: | |
|--|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Voltage UL/CSA: | 600 V |
| Testing voltage: | core/core 2000 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 +90 °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, CSA FT1, FT2 |
| 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 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 07510205 | 2 x 0,50 | 0,16 | 5,5 | 10,6 | 40 |
| 07510305 | 3 x 0,50 | 0,16 | 5,8 | 15,8 | 47 |
| 07510405 | 4 x 0,50 | 0,16 | 6,3 | 21,1 | 57 |
| 07510505 | 5 x 0,50 | 0,16 | 7,0 | 26,4 | 71 |
| 07510705 | 7 x 0,50 | 0,16 | 8,2 | 37,0 | 98 |
| 07511205 | 12 x 0,50 | 0,16 | 10,1 | 63,4 | 144 |
| 07511805 | 18 x 0,50 | 0,16 | 12,0 | 95,0 | 212 |
| 07512505 | 25 x 0,50 | 0,16 | 14,4 | 132,0 | 284 |
| 07513405 | 34 x 0,50 | 0,16 | 16,2 | 179,5 | 378 |
| 07515005 | 50 x 0,50 | 0,16 | 19,1 | 264,0 | 523 |
| 07516105 | 61 x 0,50 | 0,16 | 21,1 | 322,1 | 655 |
| 07510207 | 2 x 0,75 | 0,16 | 5,9 | 14,4 | 47 |
| 07510307 | 3 x 0,75 | 0,16 | 6,3 | 21,6 | 57 |
| 07510407 | 4 x 0,75 | 0,16 | 6,8 | 28,8 | 68 |
| 07510507 | 5 x 0,75 | 0,16 | 7,5 | 36,0 | 85 |
| 07510707 | 7 x 0,75 | 0,16 | 9,1 | 50,4 | 122 |
| 07511207 | 12 x 0,75 | 0,16 | 11,0 | 86,4 | 177 |
| 07511807 | 18 x 0,75 | 0,16 | 13,1 | 129,6 | 261 |
| 07512507 | 25 x 0,75 | 0,16 | 15,8 | 180,0 | 354 |
| 07513407 | 34 x 0,75 | 0,16 | 17,9 | 244,8 | 474 |
| 07515007 | 50 x 0,75 | 0,16 | 21,1 | 360,0 | 670 |
| 07516107 | 61 x 0,75 | 0,16 | 23,5 | 439,2 | 831 |
| 07510210 | 2 x 1,00 | 0,16 | 6,2 | 19,2 | 55 |
| 07510310 | 3 x 1,00 | 0,16 | 6,5 | 28,8 | 66 |
| 07510410 | 4 x 1,00 | 0,16 | 7,2 | 38,4 | 82 |
| 07510510 | 5 x 1,00 | 0,16 | 7,9 | 48,0 | 101 |
| 07510710 | 7 x 1,00 | 0,16 | 9,4 | 67,2 | 142 |
| 07511210 | 12 x 1,00 | 0,16 | 11,5 | 115,2 | 212 |
| 07511810 | 18 x 1,00 | 0,16 | 13,7 | 172,8 | 313 |
| 07512510 | 25 x 1,00 | 0,16 | 16,5 | 240,0 | 424 |
| 07513410 | 34 x 1,00 | 0,16 | 18,7 | 326,4 | 569 |
| 07515010 | 50 x 1,00 | 0,16 | 22,5 | 480,0 | 826 |
| 07516110 | 61 x 1,00 | 0,16 | 24,5 | 585,6 | 998 |
| 07510215 | 2 x 1,50 | 0,16 | 6,8 | 28,8 | 70 |
| 07510315 | 3 x 1,50 | 0,16 | 7,3 | 43,2 | 88 |
| 07510415 | 4 x 1,50 | 0,16 | 8,0 | 57,6 | 109 |

| 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 |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 07510515 | 5 x 1,50 | 0,16 | 8,8 | 72,0 | 135 |
| 07510715 | 7 x 1,50 | 0,16 | 10,6 | 100,8 | 192 |
| 07511215 | 12 x 1,50 | 0,16 | 13,0 | 172,8 | 288 |
| 07511815 | 18 x 1,50 | 0,16 | 15,4 | 259,2 | 425 |
| 07512515 | 25 x 1,50 | 0,16 | 18,7 | 360,0 | 580 |
| 07513415 | 34 x 1,50 | 0,16 | 21,1 | 489,6 | 777 |
| 07515015 | 50 x 1,50 | 0,16 | 25,1 | 720,0 | 1115 |
| 07516115 | 61 x 1,50 | 0,16 | 27,6 | 878,4 | 1362 |
| 07510225 | 2 x 2,50 | 0,16 | 8,9 | 48,0 | 117 |
| 07510325 | 3 x 2,50 | 0,16 | 9,5 | 72,0 | 144 |
| 07510425 | 4 x 2,50 | 0,16 | 10,4 | 96,0 | 178 |
| 07510525 | 5 x 2,50 | 0,16 | 11,6 | 120,0 | 223 |
| 07510725 | 7 x 2,50 | 0,16 | 14,0 | 168,0 | 319 |
| 07511225 | 12 x 2,50 | 0,16 | 17,3 | 288,0 | 480 |
| 07511825 | 18 x 2,50 | 0,16 | 20,7 | 432,0 | 715 |
| 07512525 | 25 x 2,50 | 0,16 | 25,1 | 600,0 | 973 |
| 07510340 | 3 x 4,00 | 0,16 | 11,3 | 115,2 | 223 |
| 07510440 | 4 x 4,00 | 0,16 | 12,4 | 153,6 | 267 |
| 07510540 | 5 x 4,00 | 0,16 | 13,8 | 192,0 | 342 |
| 07510740 | 7 x 4,00 | 0,16 | 16,7 | 268,8 | 493 |
| 07510360 | 3 x 6,00 | 0,21 | 13,1 | 172,8 | 319 |
| 07510460 | 4 x 6,00 | 0,21 | 14,5 | 230,4 | 381 |
| 07510560 | 5 x 6,00 | 0,21 | 16,2 | 288,0 | 490 |
| 07510760 | 7 x 6,00 | 0,21 | 19,4 | 403,2 | 700 |
| 07510361 | 3 x 10,0 | 0,21 | 16,2 | 288,0 | 502 |
| 07510461 | 4 x 10,0 | 0,21 | 18,0 | 384,0 | 637 |
| 07510561 | 5 x 10,0 | 0,21 | 20,1 | 480,0 | 787 |
| 07510362 | 3 x 16,0 | 0,21 | 19,4 | 460,8 | 754 |
| 07510462 | 4 x 16,0 | 0,21 | 21,5 | 614,4 | 954 |
| 07510562 | 5 x 16,0 | 0,21 | 24,1 | 768,0 | 1188 |
| 07510463 | 4 x 25,0 | 0,21 | 26,0 | 960,0 | 1391 |
| 07510563 | 5 x 25,0 | 0,21 | 29,0 | 1200,0 | 1779 |
| 07510464 | 4 x 35,0 | 0,21 | 29,8 | 1344,0 | 1911 |
| 07510564 | 5 x 35,0 | 0,21 | 32,9 | 1680,0 | 2354 |
| 07510465 | 4 x 50,0 | 0,21 | 34,9 | 1920,0 | 2672 |

Other dimensions and colours are possible on request.



Possible on request:

- with grey outer sheath and black or red cores