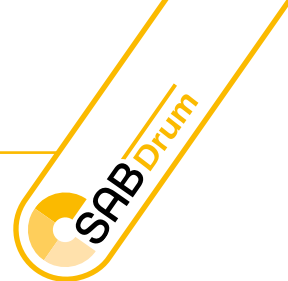


Reeling cables

DR 721 P



marking example:

SAB BRÜCKSKES · D-VIERSEN · DR 721 P 4 G 2,5 mm² CE

Application: The DR 721 P is used for spring cable and motor cable reels, hoists, transport systems and farm vehicles with medium mechanical stress.

Construction:

| | |
|---------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, VDE 0295, class 5 |
| Insulation: | special polymer |
| Colour code: | coloured acc. to HD 308 (VDE 0293-308), from 6 cores black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, from 3 cores a green-yellow earth wire |
| Stranding: | specially adjusted layering |
| Inner Sheath: | PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| Supporting screen: | high-tech yarn |
| Sheath material: | PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| Sheath colour: | black (RAL 9005) |

Outstanding features:

- » high winding and unwinding strength
- » corresponds to low voltage guideline 73/23/EWG CE
- » small outer diameter
- » small cable weight

Technical data:

| | |
|--|--|
| Nominal voltage: | Uo/U 0,6/1 kV |
| Testing voltage: | core/core 4000 V |
| Current-carrying capacity: | acc. to VDE 0298-4, see chapter N „Technical data“ |
| Min. bending radius <i>for laying and installation</i> <i>(fixed laying):</i> | 6 x d |
| <i>for repeated winding action</i> <i>(flexible):</i> | 10 x d |
| <i>guided on pulleys</i> <i>(flexible):</i> | 12 x d |
| Temperature range <i>fixed laying:</i> | -50/+90 °C |
| <i>flexible:</i> | -40/+90 °C |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 |
| Oil resistance: | very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| Chemical resistance: | very good against acids, alkaline solutions, solvents and hydraulic liquids, etc. |
| Weather resistance: | very good |
| Sunlight resistance: | very good - enhanced due to black sheath colour |
| Tensile strength: | acc. to VDE 0298-3 section 7.1 |
| Mechanical characteristics: | the main mechanical characteristics accomplished by the PUR outer sheath are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance |
| 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 mm² | outer-Ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 07210415 | 4 G 1,50 | 8,8 | 57,6 | 116 |
| 07210515 | 5 G 1,50 | 9,6 | 72,0 | 140 |
| 07210715 | 7 G 1,50 | 11,7 | 100,8 | 203 |
| 07211215 | 12 G 1,50 | 16,4 | 172,8 | 339 |
| 07211815 | 18 G 1,50 | 16,3 | 259,2 | 427 |
| 07212415 | 24 G 1,50 | 19,6 | 345,6 | 571 |
| 07213615 | 36 G 1,50 | 22,1 | 518,4 | 798 |
| 07210425 | 4 G 2,50 | 10,2 | 96,0 | 168 |
| 07210525 | 5 G 2,50 | 11,2 | 120,0 | 205 |
| 07210725 | 7 G 2,50 | 13,6 | 168,0 | 297 |
| 07211225 | 12 G 2,50 | 19,4 | 288,0 | 507 |
| 07211825 | 18 G 2,50 | 19,4 | 432,0 | 634 |

| item no. | no. of cores x cross section n x mm² | outer-Ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 07212425 | 24 G 2,50 | 23,6 | 576,0 | 854 |
| 07213625 | 36 G 2,50 | 26,4 | 864,0 | 1196 |
| 07210440 | 4 G 4,00 | 12,4 | 153,6 | 256 |
| 07210460 | 4 G 6,00 | 14,4 | 230,4 | 363 |
| 07210560 | 5 G 6,00 | 15,6 | 288,0 | 438 |
| 07210470 | 4 G 10,0 | 17,9 | 384,0 | 585 |
| 07210480 | 4 G 16,0 | 22,4 | 614,4 | 905 |
| 07210580 | 5 G 16,0 | 25,0 | 768,0 | 1131 |
| 07210390 | 3 x 25,0 + 3 G 6,00 | 24,2 | 892,8 | 1178 |
| 07210395 | 3 x 35,0 + 3 G 6,00 | 28,0 | 1180,8 | 1568 |
| 07210396 | 3 x 50,0 + 3 G 10,0 | 31,8 | 1728,0 | 2249 |

Other dimensions and colours are possible on request.
Please mention the required winding length when placing the order.

Please pay attention
to the installation instructions
in chapter N „Technical data“