

Drag chain cable FABER[®] EFK 300 P



Application: Highly flexible control cable for constant moving applications under heavy duty conditions. The cable is halogen-free, flame-retardant and resistant to most chemicals used in industrial environment. Please pay attention to our installation instructions for drag chain cables on our website.

Construction and technical data:

| | |
|--|--------------------------------|
| Conductor material: | copper, bare |
| Conductor construction: | Class 6 = very flexible |
| Insulation: | TPE/PP |
| Sheathing material: | polyurethan |
| Colour of outer sheath: | grey RAL 7001 |
| Flame-retardant: | VDE 0482-332-1-2/IEC 60332-1-2 |
| Halogen-free: | DIN EN 50267/IEC 60754 |
| UV-resistant: | yes |
| Oil-resistant: | EN 60811-404 |
| For outdoor use: | yes |
| Permitted outer cable temperature, fixed, °C: | -50 - +80 °C |
| Permitted outer cable temperature, moved, °C: | -40 - +80 °C |
| Bending radius, fixed installation: | 4 x Ø |
| Bending radius, moving application: | 7.5 x Ø |
| Bending cycles, max.: | 5 Mio. |
| Moving distance, max.: | 100 m |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

AD300 - SCHLEPPLTG. TPE/PUR

Nominal voltage U_o: 300 V

Nominal voltage U: 500 V

Test voltage: 3 kV

Core identification: green-yellow + numbers

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|-----------|-------------|--------|-------|--------|
| 032519 | 02X0.5 | 39 | 5 | 10 | 36 |
| 031298 | 03G0.5 | 39 | 5.2 | 14.4 | 57 |
| 030952 | 04G0.5 | 39 | 5.7 | 19.2 | 56 |
| 035730 | 05G0.5 | 39 | 6.1 | 25 | 57 |
| 032521 | 07G0.5 | 39 | 7.4 | 34 | 79 |
| 031024 | 12G0.5 | 39 | 9 | 58 | 176 |
| 032522 | 18G0.5 | 39 | 10.4 | 86.4 | 186 |
| 031980 | 25G0.5 | 39 | 12.7 | 120 | 196 |
| 031001 | 02X0.75 | 26 | 5.4 | 15 | 57 |
| 031002 | 03G0.75 | 26 | 5.7 | 22 | 73 |
| 031003 | 04G0.75 | 26 | 6.3 | 29 | 95 |
| 032526 | 05G0.75 | 26 | 7.1 | 36 | 76 |
| 032527 | 07G0.75 | 26 | 8.3 | 50.4 | 106 |
| 031029 | 12G0.75 | 26 | 10.1 | 86.4 | 248 |
| 032528 | 18G0.75 | 26 | 11.6 | 130 | 252 |
| 032529 | 20G0.75 | 26 | 13.5 | 144 | 275 |
| 032530 | 25G0.75 | 26 | 14.1 | 180 | 351 |
| 031004 | 02X1 | 19.5 | 5.8 | 19.2 | 65 |
| 031009 | 03G1 | 19.5 | 6.1 | 29 | 84 |
| 031005 | 04G1 | 19.5 | 6.8 | 38.4 | 111 |
| 031006 | 05G1 | 19.5 | 7.4 | 48 | 138 |
| 031026 | 07G1 | 19.5 | 8.9 | 67.2 | 182 |
| 037453 | 08G1 | 19.5 | 9.8 | 77 | 208 |
| 031028 | 12G1 | 19.5 | 10.7 | 115.2 | 261 |
| 031030 | 18G1 | 19.5 | 12.8 | 173 | 390 |
| 031152 | 25G1 | 19.5 | 15.5 | 240 | 445 |
| 032537 | 02X1.5 | 13.3 | 6.8 | 29 | 65 |
| 031007 | 03G1.5 | 13.3 | 7.2 | 47 | 110 |
| 031067 | 04G1.5 | 13.3 | 8 | 58 | 134 |
| 030955 | 05G1.5 | 13.3 | 8.7 | 72 | 168 |
| 031023 | 07G1.5 | 13.3 | 10.5 | 101 | 232 |
| 031584 | 12G1.5 | 13.3 | 12.8 | 173 | 305 |
| 031158 | 18G1.5 | 13.3 | 15.2 | 259.2 | 507 |
| 031416 | 25G1.5 | 13.3 | 18.2 | 360 | 647 |
| 032543 | 02X2.5 | 7.98 | 7.8 | 48 | 115 |
| 031585 | 03G2.5 | 7.98 | 8.2 | 72 | 143 |
| 031580 | 04G2.5 | 7.98 | 8.9 | 96 | 174 |
| 031022 | 05G2.5 | 7.98 | 10 | 120 | 198 |
| 032094 | 07G2.5 | 7.98 | 11.8 | 168 | 266 |
| 031428 | 12G2.5 | 7.98 | 14.6 | 288 | 421 |
| 032544 | 18G2.5 | 7.98 | 17.2 | 432 | 714 |
| 036291 | 25G2.5 | 7.98 | 22.9 | 600 | 964 |
| 036104 | 03G4 | 4.95 | 10.2 | 115.2 | 195 |
| 031420 | 04G4 | 4.95 | 11.6 | 154 | 257 |
| 031619 | 04G6 | 3.3 | 13.6 | 230.4 | 322 |
| 031775 | 04G10 | 1.91 | 17.6 | 384 | 585 |
| 032550 | 04G16 | 1.21 | 21.2 | 614 | 1006 |
| 031411 | 05G4 | 4.95 | 12.9 | 201 | 337 |

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|-----------|-------------|--------|-------|--------|
| 032547 | 05G6 | 3.3 | 15.2 | 288 | 509 |
| 032856 | 05G10 | 1.91 | 19.5 | 480 | 817 |
| 034788 | 05G16 | 1.21 | 23.6 | 768 | 1172 |
| 032546 | 07G4 | 4.95 | 15.6 | 269 | 479 |
| 032548 | 07G6 | 3.3 | 18.3 | 403.2 | 693 |
| 032549 | 07G10 | 1.91 | 23.7 | 672 | 1054 |
| 032551 | 07G16 | 1.21 | 28.6 | 1075 | 1709 |
| 037435 | 05G25 | 0.78 | 24.5 | 1200 | 1828 |

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|----|------------------------|
| RI | Conductor resistance |
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |