

ÖLFLEX® CLASSIC 110 SY

Steel-wire braided PVC control cable with transparent outer sheath

ÖLFLEX® CLASSIC 110 SY - PVC control cable, VDE registered and with steel wire braid, flexible cable for various applications, U_0/U : 300/500V

Info

CPR: Article number choice under www.lappkabel.com/cpr

VDE reg. no. 7030

Steel wire braiding for extra mechanical protection



Mechanical resistance



Good chemical resistance

Benefits

Extra mechanical protection due to braided steel wire

High electrical performance due to 4 kV test voltage

Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Areas with high mechanical stress

For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Product features

Flame-retardant according IEC 60332-1-2

Good chemical resistance, see catalogue appendix T1

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Norm references / Approvals

VDE reg. no. 7030

Product Make-up

Fine-wire strand made of bare copper wires
PVC insulation LAPP P8/1
Cores twisted in layers
PVC inner sheath, grey
Braid of galvanized steel wires
PVC outer sheath, transparent

Technical Data

| | |
|---------------------------|---|
| Classification: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Core identification code: | Black with white numbers acc. to VDE 0293-1 |
| Conductor stranding: | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius: | Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® CLASSIC 110 SY**

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 110 SY | | | | |
| 1125752 | 2 X 0.5 | 7.8 | 10 | 87 |
| 1125003 | 3 G 0.5 | 8.1 | 15 | 95 |
| 1125004 | 4 G 0.5 | 8.5 | 19.2 | 107 |
| 1125005 | 5 G 0.5 | 9.2 | 24 | 123 |
| 1125007 | 7 G 0.5 | 9.7 | 33.6 | 147 |
| 1125010 | 10 G 0.5 | 11.6 | 48 | 196 |
| 1125012 | 12 G 0.5 | 11.9 | 58 | 213 |
| 1125014 | 14 G 0.5 | 12.5 | 67 | 237 |
| 1125018 | 18 G 0.5 | 13.9 | 86.4 | 291 |
| 1125021 | 21 G 0.5 | 14.9 | 101 | 332 |
| 1125025 | 25 G 0.5 | 15.6 | 120 | 375 |
| 1125030 | 30 G 0.5 | 16.5 | 144 | 422 |
| 1125040 | 40 G 0.5 | 18.8 | 192 | 545 |
| 1125061 | 61 G 0.5 | 21.9 | 293 | 773 |
| 1125802 | 2 X 0.75 | 8.2 | 14.4 | 97 |
| 1125103 | 3 G 0.75 | 8.5 | 21.6 | 108 |
| 1125104 | 4 G 0.75 | 9.2 | 28.8 | 126 |
| 1125105 | 5 G 0.75 | 9.7 | 36 | 146 |
| 1125107 | 7 G 0.75 | 10.3 | 50 | 172 |
| 1125109 | 9 G 0.75 | 12.4 | 65 | 224 |
| 1125112 | 12 G 0.75 | 12.9 | 86 | 260 |
| 1125115 | 15 G 0.75 | 14.1 | 108 | 315 |
| 1125118 | 18 G 0.75 | 14.9 | 130 | 355 |
| 1125125 | 25 G 0.75 | 17 | 180 | 465 |
| 1125134 | 34 G 0.75 | 19.3 | 245 | 596 |
| 1125150 | 50 G 0.75 | 22.8 | 360 | 832 |
| 1125852 | 2 X 1 | 8.5 | 19.2 | 106 |
| 1125203 | 3 G 1 | 8.8 | 28.8 | 119 |
| 1125204 | 4 G 1 | 9.5 | 38.4 | 141 |
| 1125205 | 5 G 1 | 10.1 | 48 | 164 |
| 1125207 | 7 G 1 | 11 | 67 | 200 |
| 1125208 | 8 G 1 | 12.5 | 77 | 234 |
| 1125209 | 9 G 1 | 13.2 | 86 | 260 |

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Product Management www.lappkabel.deYou can find the current technical data in the corresponding data sheet.
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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1125212 | 12 G 1 | 13.9 | 115 | 309 |
| 1125214 | 14 G 1 | 14.4 | 134 | 345 |
| 1125218 | 18 G 1 | 15.9 | 173 | 415 |
| 1125220 | 20 G 1 | 16.8 | 192 | 455 |
| 1125225 | 25 G 1 | 18.1 | 240 | 548 |
| 1125234 | 34 G 1 | 20.5 | 326 | 714 |
| 1125241 | 41 G 1 | 22.2 | 394 | 832 |
| 1125250 | 50 G 1 | 24.2 | 480 | 987 |
| 1125902 | 2 X 1.5 | 9.3 | 29 | 128 |
| 1125303 | 3 G 1.5 | 9.7 | 43 | 151 |
| 1125304 | 4 G 1.5 | 10.2 | 58 | 173 |
| 1125305 | 5 G 1.5 | 11.1 | 72 | 202 |
| 1125307 | 7 G 1.5 | 11.9 | 101 | 248 |
| 1125308 | 8 G 1.5 | 14 | 115 | 301 |
| 1125312 | 12 G 1.5 | 15.4 | 173 | 396 |
| 1125314 | 14 G 1.5 | 15.9 | 202 | 438 |
| 1125318 | 18 G 1.5 | 17.6 | 259 | 538 |
| 1125325 | 25 G 1.5 | 20.3 | 360 | 713 |
| 1125332 | 32 G 1.5 | 22.1 | 461 | 876 |
| 1125350 | 50 G 1.5 | 27.1 | 720 | 1305 |
| 1125403 | 3 G 2.5 | 11.1 | 72 | 206 |
| 1125404 | 4 G 2.5 | 12.1 | 96 | 249 |
| 1125405 | 5 G 2.5 | 13.2 | 120 | 295 |
| 1125407 | 7 G 2.5 | 14.3 | 168 | 373 |
| 1125412 | 12 G 2.5 | 18.2 | 288 | 586 |
| 1125418 | 18 G 2.5 | 21.4 | 432 | 823 |
| 1125425 | 25 G 2.5 | 24.4 | 600 | 1093 |
| 1125503 | 3 G 4 | 12.7 | 115 | 285 |
| 1125504 | 4 G 4 | 14 | 154 | 348 |
| 1125505 | 5 G 4 | 15.1 | 192 | 410 |
| 1125507 | 7 G 4 | 16.4 | 269 | 519 |
| 1125604 | 4 G 6 | 16.2 | 230 | 482 |
| 1125605 | 5 G 6 | 17.7 | 288 | 579 |
| 1125607 | 7 G 6 | 19.2 | 403 | 740 |

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1125614 | 4 G 10 | 19.4 | 384 | 731 |
| 1125615 | 5 G 10 | 21.5 | 480 | 889 |
| 1125617 | 7 G 10 | 23.4 | 672 | 1146 |
| 1125624 | 4 G 16 | 22.4 | 614 | 1384 |
| 1125625 | 5 G 16 | 24.6 | 768 | 1740 |
| 1125626 | 4 G 25 | 26.9 | 960 | 1680 |
| 1125630 | 5 G 25 | 30 | 1200 | 2050 |
| 1125629 | 4 G 35 | 30.2 | 1344 | 2170 |

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