

ÖLFLEX® CLASSIC 110 SY

Steel wire armoured PVC control cable with transparent outer sheath

ÖLFLEX® CLASSIC 110 SY - PVC control cable, VDE-registered and with steel wire braiding. Flexible cable for various applications, nominal voltage: 300/500V

Info

Steel wire braiding for additional mechanical protection
VDE reg. no. 7030



Mechanical resistance



Good chemical resistance

Benefits

Additional mechanical protection thanks to steel wire braiding
High electrical safety due to 4 kV test voltage

Application range

Plant construction
Machine building
Heating and air-conditioning systems
Areas with increased requirements regarding mechanical stress
For fixed installation as well as occasional flexing with 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 core insulation LAPP P8/1
Cores twisted in layers
PVC inner sheath, grey
Braid of galvanized steel wires
PVC 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: | U ₀ /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 otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

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

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

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

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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| 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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