

ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV

ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV power and control cable, various applications, PVC, conductor class 5, number coded black cores, screened, outdoor

Info

Good outdoor performance

EMC/Screened

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



Suitable for outdoor use



Interference signals



UV-resistant

Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Power stations

For frequency converter-powered 3-phase AC motors

In EMC-sensitive environments

(electromagnetic compatibility)

Servo Drive Connection Cable

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

Each dimension with nominal/ minimum average wall thickness of the outer sheath of at least 1.8 mm: For applications where a strengthened outer sheath may turn out to be advantageous

Product features

Flame-retardant according IEC 60332-1-2

UV and weather-resistant according to ISO 4892-2

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Ozone-resistant according to EN 50396
High degree of screening
low transfer impedance
(max. 250 Ω/km at 30 MHz)

Norm references / Approvals

Based on VDE 0250-1 and HD 627-1 S1

Product Make-up

Fine-wire strand made of bare copper wires
PVC insulation LAPP P8/1
PVC inner sheath, black
Tinned-copper braiding
PVC outer sheath, black (RAL 9005)

Technical Data

| | |
|---------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable |
| Core identification code: | Black with white numbers acc. to VDE 0293-334 |
| Conductor stranding: | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius: | Static/Occ. moved: 6/20xOD* |
| Nominal voltage: | U0/U: 600/1000 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 ≤ 30 kg or ≤ 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 and graphics 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.

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|------------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 110 CY BLACK | | | | |
| 1121232 | 2 X 0.75 | 10.5 | 46 | 150 |
| 1121233 | 3 G 0.75 | 10.9 | 56 | 180 |
| 1121235 | 4 G 0.75 | 11.4 | 67 | 214 |
| 1121236 | 4 X 0.75 | 11.4 | 67 | 214 |
| 1121237 | 5 G 0.75 | 12.1 | 78 | 272 |
| 1121241 | 7 G 0.75 | 12.9 | 97 | 242 |
| 1121247 | 12 G 0.75 | 15.8 | 168 | 464 |
| 1121251 | 18 G 0.75 | 18 | 229 | 616 |
| 1121254 | 25 G 0.75 | 20.7 | 296 | 762 |
| 1121266 | 2 X 1.0 | 10.8 | 52 | 160 |
| 1121267 | 3 G 1.0 | 11.2 | 66 | 182 |
| 1121268 | 3 X 1.0 | 11.2 | 66 | 182 |
| 1121269 | 4 G 1.0 | 11.8 | 79 | 210 |
| 1121270 | 4 X 1.0 | 11.8 | 79 | 210 |
| 1121271 | 5 G 1.0 | 12.6 | 93 | 252 |
| 1121274 | 7 G 1.0 | 13.3 | 117 | 335 |
| 1121280 | 12 G 1.0 | 16.4 | 204 | 522 |
| 1121284 | 18 G 1.0 | 18.7 | 280 | 687 |
| 1121290 | 25 G 1.0 | 21.6 | 369 | 884 |
| 1121306 | 2 X 1.5 | 11.8 | 69 | 243 |
| 1121307 | 3 G 1.5 | 12.3 | 87 | 273 |
| 1121308 | 3 X 1.5 | 12.3 | 87 | 273 |
| 1121309 | 4 G 1.5 | 13 | 102 | 290 |
| 1121310 | 4 X 1.5 | 13 | 102 | 290 |
| 1121311 | 5 G 1.5 | 13.9 | 125 | 352 |
| 1121314 | 7 G 1.5 | 15 | 180 | 448 |
| 1121320 | 12 G 1.5 | 18.7 | 281 | 690 |
| 1121324 | 18 G 1.5 | 21.8 | 391 | 938 |
| 1121328 | 25 G 1.5 | 25.1 | 518 | 1180 |
| 1121340 | 3 G 2.5 | 13.5 | 123 | 315 |
| 1121342 | 4 G 2.5 | 14.6 | 168 | 349 |
| 1121344 | 5 G 2.5 | 15.7 | 204 | 515 |
| 1121346 | 7 G 2.5 | 17 | 265 | 619 |

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|----------------|---|---------------------|----------------------|----------------|
| 1121349 | 12 G 2.5 | 21.7 | 421 | 936 |
| 1121360 | 4 G 4.0 | 16.2 | 238 | 587 |
| 1121361 | 5 G 4.0 | 17.7 | 302 | 689 |
| 1121362 | 7 G 4.0 | 19 | 396 | 828 |
| 1121367 | 4 G 6.0 | 17.7 | 318 | 715 |
| 1121368 | 5 G 6.0 | 19.2 | 419 | 862 |
| 1121372 | 4 G 10.0 | 21.7 | 574 | 875 |
| 1121373 | 5 G 10.0 | 23 | 612 | 1037 |
| 1121377 | 4 G 16.0 | 24.3 | 809 | 1400 |
| 1121378 | 5 G 16.0 | 26.7 | 935 | 1600 |
| 1121381 | 4 G 25.0 | 29.8 | 1165 | 2179 |
| 1121385 | 4 G 35.0 | 32.7 | 1683 | 2893 |
| 1121388 | 4 G 50.0 | 39.6 | 2368 | 4094 |
| 1121391 | 4 G 70.0 | 44.5 | 3261 | 5467 |
| 1121394 | 4 G 95.0 | 51 | 4055 | 5849 |
| 1121397 | 4 G 120.0 | 58.1 | 5225 | 7509 |

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