

ÖLFLEX® CLASSIC 100 BK 0,6/1 kV

ÖLFLEX® CLASSIC 100 BK POWER 0.6/1 kV power and control cable for various applications, PVC, class 5, colour-coded up to 5 cores, outdoor use and burial

Info

Good outdoor performance



UV-resistant



Torsion-resistant



Suitable for outdoor use



Cold-resistant

Benefits

High electrical safety due to 4 kV test voltage

Application range

Plant construction

Machine building

Heating and air-conditioning systems

Power plant engineering

Event equipment

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

Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Suitable for outdoor applications

Suitable for direct burial

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Product features

Flame-retardant according IEC 60332-1-2
UV- and weather-resistant according to ISO 4892-2
Ozone-resistant according to EN 50396
Flexible at temperatures down to -30°C

Product Make-up

Fine-wire strand made of bare copper wires
Core insulation: PVC, cold-resistant
PVC sheath, cold-resistant, black (RAL 9005)

Technical Data

| | |
|---------------------------|---|
| Classification: | ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Power cable |
| Core identification code: | Up to 5 cores: according to VDE 0293-308 (appendix T9) From 6 cores: ÖLFLEX® colour code (appendix T7) |
| Conductor stranding: | Fine wire according to VDE 0295, class 5 / IEC 60228 class 5 |
| Torsion movement in WTG: | TW-0 & TW-1, refer to Appendix T0 |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U ₀ /U: 600/1000 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -30°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)

Other sizes and shielded versions are available upon request

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.

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1120457 | 3 G 1 | 9 | 29 | 112 |
| 1120459 | 5 G 1 | 10.4 | 48 | 152 |
| 1120462 | 2 X 1.5 | 9.6 | 29 | 123 |
| 1120463 | 3 G 1.5 | 10.1 | 43 | 144 |
| 1120464 | 4 G 1.5 | 10.8 | 58 | 170 |
| 1120465 | 5 G 1.5 | 11.7 | 72 | 199 |
| 1120469 | 3 G 2.5 | 11.3 | 72 | 182 |
| 1120470 | 4 G 2.5 | 12.2 | 96 | 225 |
| 1120474 | 4 G 4 | 13.8 | 154 | 324 |
| 1120475 | 4 G 6 | 15.1 | 230 | 442 |

Last Update (17.06.2017)

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Product Management www.lappkabel.de

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