

## ÖLFLEX® CLASSIC 100 BK 0,6/1 kV

ÖLFLEX® CLASSIC 100 BK 0,6/1 kV: PVC power and control cable for various applications, conductor class 5, colour coded up to 5 cores, 0.6/1 kV, outdoor use

### Info

Good outdoor performance

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)



Suitable for outdoor use



Cold-resistant



Torsion-resistant



UV-resistant

### Benefits

High electrical performance due to 4 kV test voltage

### Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Power stations

Stage applications

For fixed installation as well as occasional flexing at 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

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

Last Update (24.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

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## ÖLFLEX® CLASSIC 100 BK 0,6/1 kV

### 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 down to -30 °C

### Product Make-up

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

### Technical Data

|                           |  |
|---------------------------|--|
| Classification ETIM 5:    | ETIM 5.0 Class-ID: EC000057<br>ETIM 5.0 Class-Description: Low voltage power cable   |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC000057<br>ETIM 6.0 Class-Description: Low voltage power cable   |
| Core identification code: | Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9<br>From 6 cores: ÖLFLEX® colour code, refer to Appendix T7 |
| Conductor stranding:      | Fine wire according to VDE 0295,<br>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<br>Fixed installation: 4 x outer diameter  |
| Nominal voltage:          | U0/U: 600/1000 V   |
| Test voltage:             | 4000 V   |
| Protective conductor:     | G = with GN-YE protective conductor<br>X = without protective conductor  |
| Temperature range:        | Occasional flexing: -30 °C to +70 °C<br>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](http://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).

Other sizes and screened types are available upon request.

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 <sup>2</sup> per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1120457        | 3 G 1.0   | 9                   | 29                   | 112            |
| 1120459        | 5 G 1.0   | 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 4.0   | 13.8                | 154                  | 324            |
| 1120475        | 4 G 6.0   | 15.1                | 230                  | 442            |