

## ÖLFLEX® CLASSIC 110 BLACK 0,6/1 kV

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

### Info

Good outdoor performance

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



Suitable for outdoor use



Torsion-resistant



UV-resistant

### 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

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

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

### Product features

Flame-retardant according IEC 60332-1-2

UV and weather-resistant according to ISO 4892-2

Ozone-resistant according to EN 50396

Last Update (15.02.2021)

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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.

PN 0456 / 02\_03.16

# ÖLFLEX® CLASSIC 110 BLACK 0,6/1 kV

## 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 outer sheath, black (RAL 9005)

## Technical Data

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| Classification ETIM 5:    | ETIM 5.0 Class-ID: EC000104<br>ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC000104<br>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,<br>class 5/IEC 60228 class 5            |
| Torsion movement in WTG:  | TW-0 & TW-1, refer to Appendix T0                                        |
| Minimum bending radius:   | Static/Occ. moved: 4/15xOD*                                              |
| 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: -5°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).

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.



# ÖLFLEX® CLASSIC 110 BLACK 0,6/1 kV

| Article number            | Number of cores and mm² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|---------------------------|---------------------------------------|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 110 BLACK |                                       |                     |                      |                |
| 1120232                   | 2 X 0.75                              | 8.3                 | 14.4                 | 81             |
| 1120233                   | 3 G 0.75                              | 8.7                 | 21.6                 | 93             |
| 1120234                   | 3 X 0.75                              | 8.7                 | 21.6                 | 93             |
| 1120235                   | 4 G 0.75                              | 9.2                 | 29                   | 108            |
| 1120237                   | 5 G 0.75                              | 9.9                 | 36                   | 126            |
| 1120241                   | 7 G 0.75                              | 10.7                | 51                   | 162            |
| 1120248                   | 12 G 0.75                             | 13.4                | 86                   | 236            |
| 1120251                   | 18 G 0.75                             | 15.4                | 130                  | 334            |
| 1120259                   | 41 G 0.75                             | 21.6                | 296                  | 713            |
| 1120266                   | 2 X 1.0                               | 8.6                 | 19.2                 | 98             |
| 1120267                   | 3 G 1.0                               | 9                   | 29                   | 112            |
| 1120268                   | 3 X 1.0                               | 9                   | 29                   | 112            |
| 1120269                   | 4 G 1.0                               | 9.6                 | 38.4                 | 131            |
| 1120270                   | 4 X 1.0                               | 9.6                 | 38.4                 | 131            |
| 1120271                   | 5 G 1.0                               | 10.4                | 48                   | 152            |
| 1120274                   | 7 G 1.0                               | 11.1                | 67                   | 196            |
| 1120280                   | 12 G 1.0                              | 14                  | 116                  | 286            |
| 1120284                   | 18 G 1.0                              | 16.1                | 173                  | 419            |
| 1120290                   | 25 G 1.0                              | 18.6                | 240                  | 572            |
| 1120294                   | 34 G 1.0                              | 21.3                | 326                  | 764            |
| 1120298                   | 41 G 1.0                              | 23.2                | 394                  | 891            |
| 1120306                   | 2 X 1.5                               | 9.6                 | 29                   | 123            |
| 1120307                   | 3 G 1.5                               | 10.1                | 43                   | 165            |
| 1120308                   | 3 X 1.5                               | 10.1                | 43                   | 144            |
| 1120309                   | 4 G 1.5                               | 10.8                | 58                   | 170            |
| 1120311                   | 5 G 1.5                               | 11.7                | 72                   | 199            |
| 1120314                   | 7 G 1.5                               | 12.6                | 101                  | 261            |
| 1120320                   | 12 G 1.5                              | 16.1                | 173                  | 399            |
| 1120322                   | 14 G 1.5                              | 17                  | 202                  | 448            |
| 1120324                   | 18 G 1.5                              | 18.8                | 259                  | 547            |
| 1120328                   | 25 G 1.5                              | 21.7                | 360                  | 770            |
| 1120330                   | 34 G 1.5                              | 24.9                | 490                  | 996            |
| 1120333                   | 50 G 1.5                              | 29.8                | 720                  | 1427           |
|                           |                                       |                     |                      |                |

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| Article number | Number of cores and mm² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---------------------------------------|---------------------|----------------------|----------------|
| 1120339        | 2 X 2.5                               | 10.8                | 48                   | 147            |
| 1120340        | 3 G 2.5                               | 11.3                | 72                   | 182            |
| 1120342        | 4 G 2.5                               | 12.2                | 96                   | 225            |
| 1120343        | 4 X 2.5                               | 12.2                | 96                   | 225            |
| 1120344        | 5 G 2.5                               | 13.3                | 120                  | 266            |
| 1120346        | 7 G 2.5                               | 14.4                | 168                  | 354            |
| 1120349        | 12 G 2.5                              | 18.7                | 288                  | 540            |
| 1120350        | 14 G 2.5                              | 19.8                | 336                  | 613            |
| 1120351        | 18 G 2.5                              | 22                  | 432                  | 788            |
| 1120353        | 25 G 2.5                              | 25.8                | 600                  | 1094           |
| 1120360        | 4 G 4.0                               | 13.8                | 154                  | 324            |
| 1120361        | 5 G 4.0                               | 15.1                | 192                  | 385            |
| 1120362        | 7 G 4.0                               | 16.4                | 269                  | 513            |
| 1120366        | 4 G 6.0                               | 15.1                | 230                  | 442            |
| 1120367        | 5 G 6.0                               | 16.8                | 288                  | 526            |
| 1120368        | 7 G 6.0                               | 18.2                | 403                  | 705            |
| 1120370        | 4 G 10.0                              | 18.7                | 384                  | 707            |
| 1120371        | 5 G 10.0                              | 20.7                | 480                  | 881            |
| 1120374        | 4 G 16.0                              | 21.3                | 614                  | 1100           |
| 1120375        | 5 G 16.0                              | 23.6                | 768                  | 1350           |
| 1120376        | 7 G 16.0                              | 26.2                | 1075                 | 1800           |
| 1120378        | 4 G 25.0                              | 26.2                | 960                  | 1600           |
| 1120379        | 5 G 25.0                              | 29                  | 1200                 | 2050           |
| 1120382        | 4 G 35.0                              | 29.1                | 1344                 | 2400           |
| 1120383        | 5 G 35.0                              | 32.5                | 1680                 | 2900           |
| 1120385        | 4 G 50.0                              | 35.6                | 1920                 | 3400           |
| 1120387        | 4 G 70.0                              | 40.7                | 2688                 | 5050           |
| 1120389        | 4 G 95.0                              | 46.8                | 3648                 | 6010           |
| 1120390        | 4 G 120.0                             | 53.5                | 4608                 | 7500           |

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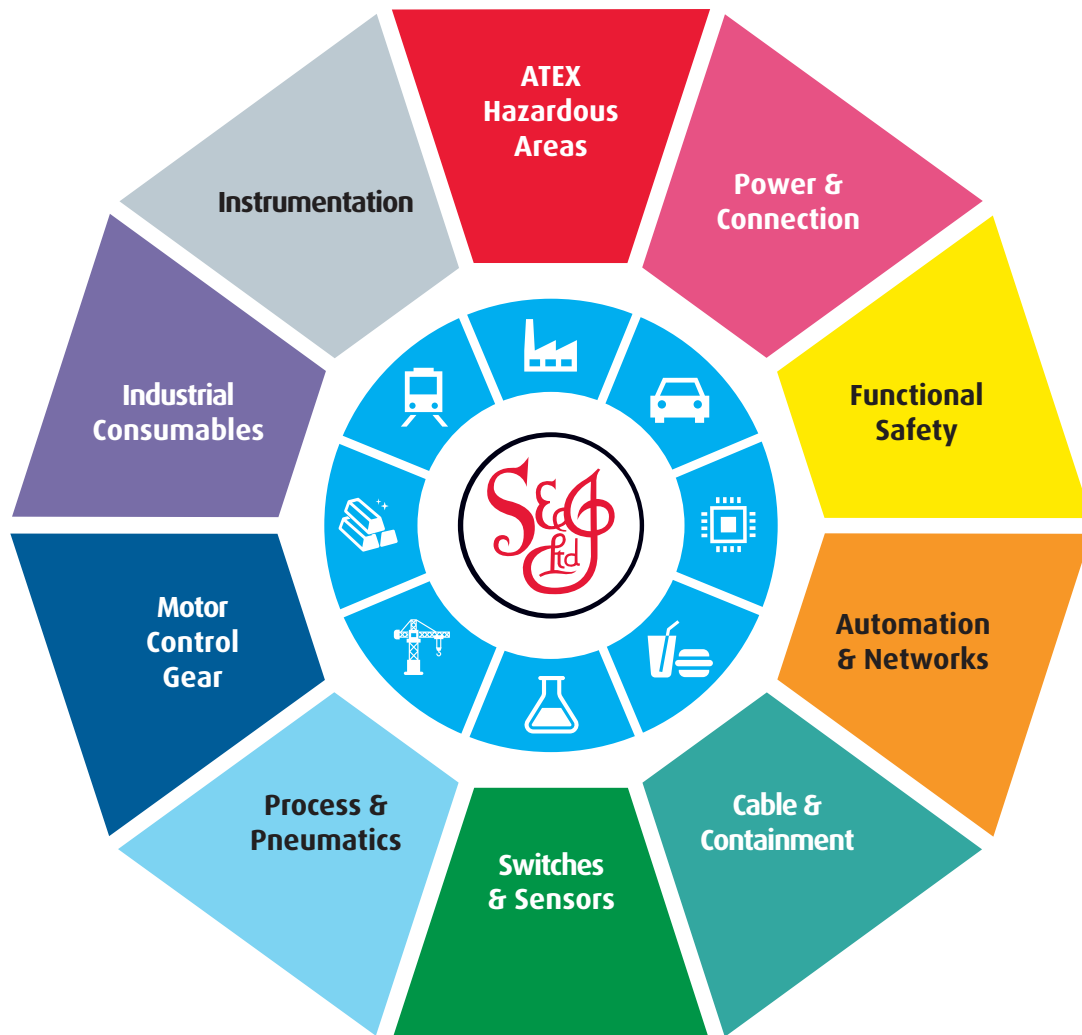
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