

## 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)

©2021 Lapp Group - Technical changes reserved

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           |
|                           |                                       |                     |                      |                |

Last Update (15.02.2021)  
 ©2021 Lapp Group - Technical changes reserved  
 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

| 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           |

Last Update (15.02.2021)  
 ©2021 Lapp Group - Technical changes reserved  
 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



# SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

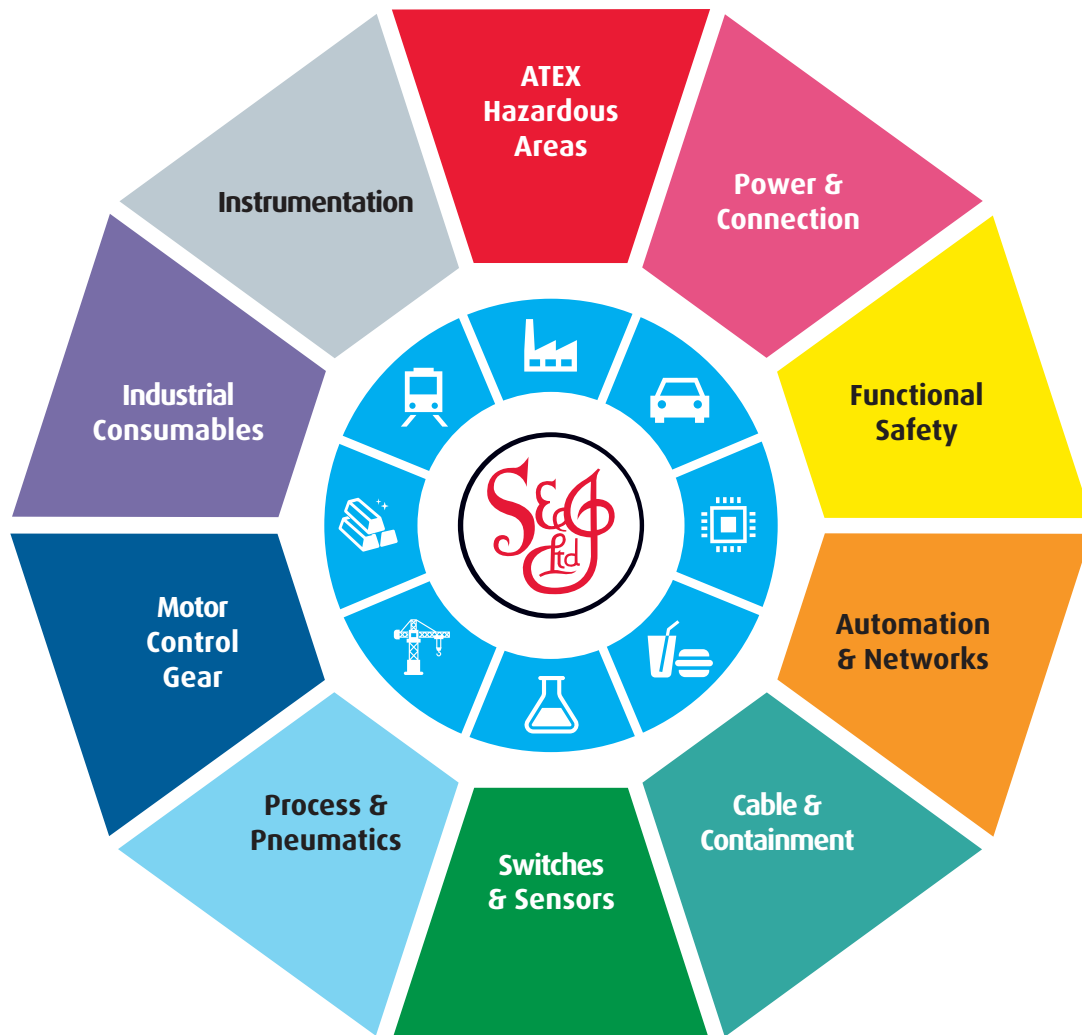
At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

# [www.scatts.co.uk](http://www.scatts.co.uk)