

## ÖLFLEX® CLASSIC 128 H BK SC

Cost-effective halogen-free single core power cable with improved fire characteristics, 0,6/1kV

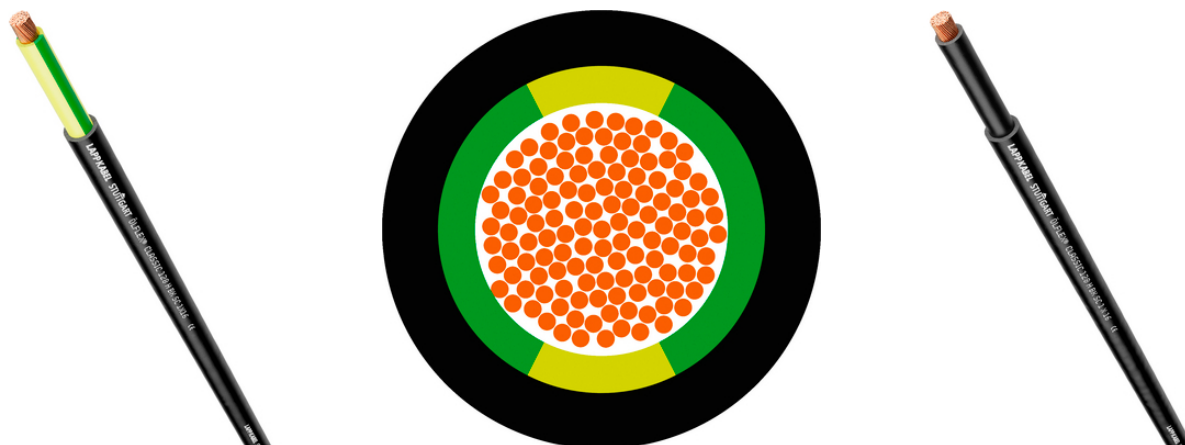
ÖLFLEX® CLASSIC 128 H BK SC, Single core power cable, halogen-free, highly flame retardant, HFFR, flexible, conductor class 5, public buildings

### Info

For space-saving and cost-effective installation

For use within public buildings and industrial plants

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



Suitable for outdoor use



Flame-retardant



Halogen-free



Torsion load



UV-resistant

### Benefits

Easy handling and installation due to flexible design

Intended for use under the European Construction Product Regulation (CPR), refer to catalogue appendix T14

Halogen-free and highly flame-retardant materials reduce the risk of fire propagation, high smoke density and toxic fumes in case of fire

### Application range

For use within public buildings and industrial plants

Plant engineering

Last Update (25.04.2024)

©2024 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 128 H BK SC

Industrial machinery  
Heating and air-conditioning systems  
Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards  
Suitable for outdoor applications

### Product features

Flame-retardant according to IEC 60332-1-2  
(flame spread on a single cable)  
No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)  
Halogen-free according to IEC 60754-1  
(amount of halogen acid gas)  
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)  
Low smoke density according to IEC 61034-2  
UV and weather-resistant according to ISO 4892-2  
Ozone-resistant according to EN 50396

### Norm references / Approvals

Based on EN 50525-3-11

### Product Make-up

Fine-wire strand made of bare copper wires  
Core insulation: Halogen-free  
Outer sheath made of special halogen-free compound, black

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:	Black Black or green-yellow, other colours available on request
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:	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](http://www.lappkabel.de/en/cable-standardlengths)

Last Update (25.04.2024)

©2024 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 128 H BK SC

Packaging size: coil  $\leq 30$  kg or  $\leq 250$  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 128 H BK SC

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1123800	1 X 16.0	9.6	black	153.6	219
1123811	1 G 16.0	9.6	green-yellow	153.6	219
1123801	1 X 25.0	11.3	black	240	327
1123812	1 G 25.0	11.3	green-yellow	240	327
1123802	1 X 35.0	12.5	black	336	436
1123813	1 G 35.0	12.5	green-yellow	336	436
1123803	1 X 50.0	15.1	black	480	587
1123814	1 G 50.0	15.1	green-yellow	480	587
1123804	1 X 70.0	17.0	black	672	798
1123815	1 G 70.0	17.0	green-yellow	672	798
1123805	1 X 95.0	19.6	black	912	1044
1123816	1 G 95.0	19.6	green-yellow	912	1044
1123806	1 X 120.0	22.4	black	1152	1339
1123817	1 G 120.0	22.4	green-yellow	1152	1339
1123807	1 X 150.0	24.2	black	1440	1633
1123818	1 G 150.0	24.2	green-yellow	1440	1633
1123808	1 X 185.0	26.3	black	1776	1943
1123819	1 G 185.0	26.3	green-yellow	1776	1943
1123809	1 X 240.0	30.8	black	2304	2597
1123820	1 G 240.0	30.8	green-yellow	2304	2597

## ÖLFLEX® CLASSIC 128 H BK SC

