

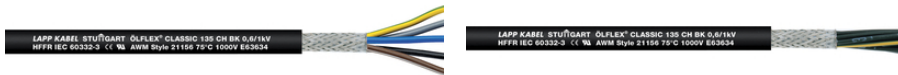
## ÖLFLEX® CLASSIC 135 CH BK 0.6/1 kV

0.6/1 kV, halogen-free, flexible, IEC 60332-3, IEC 61034-2, UV-/ozone-resistant, UL AWM 1000V

ÖLFLEX® CLASSIC 135 CH BK 0.6/1 kV, UL AWM style 21156, power and control cable, shielded, halogen-free/highly flame retardant, public buildings, outdoor

### Info

Outdoors  
Public buildings  
EMC/shielded



UV-resistant



Interference signals



Halogen-free



Suitable for outdoor use



Flame-retardant



Cold-resistant

### Benefits

Easy installation due to flexible design  
Space-saving due to small cable diameters

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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 135 CH BK 0.6/1 kV

### Application range

Public buildings

Plant construction

Machine building

Heating and air-conditioning systems

Particularly where human and animal life as well as valuable property are exposed to a high risk of fire hazards

For outdoor applications

According to NFPA 79, 2015 edition, section 12.9.2: Use for industrial machinery operated in the USA on the basis of UL AWM (recognized) certification

### 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 or IEC 60332-3-25 (flame spread on vertical cable or conductor bunch)

Halogen-free according to IEC 60754-1

(amount of halogen acidic 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

UL Cable Flame Test

### Norm references / Approvals

Based on EN 50525-3-11

UL AWM (recognised) Style 21156 (outer sheath) with max. conductor temperature of +75°C according to UL

### Product Make-up

Fine-wire strand made of bare copper wires

Core insulation: Halogen-free

Halogen-free plastic foil wrapping

Tinned-copper braiding

Sheath made of special halogen-free compound, black (RAL 9005)

## ÖLFLEX® CLASSIC 135 CH BK 0.6/1 kV

### 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: black with white numbers
Conductor stranding:	Fine wire according to VDE 0295, class 5 / IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 600/1000 V UL: 1000 V
Test voltage:	Core/Core: 4000 V Core/Shield: 2000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -25°C to +70°C Fixed installation: -40°C to +80°C UL: +75°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](http://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)

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.

**ÖLFLEX® CLASSIC 135 CH BK 0.6/1 KV**

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1123460	2 X 1	9.4	39.5	120
1123461	3 G 1	9.8	51	140
1123462	4 G 1	10.4	62.8	165
1123463	5 G 1	11.2	76	191
1123464	7 G 1	11.9	97.2	231
1123465	12 G 1	15	169.1	360
1123466	18 G 1	17.3	238.2	494
1123467	25 G 1	19.8	315.5	643
1123468	2 X 1.5	10.4	53.2	149
1123469	3 G 1.5	10.9	69.5	177
1123470	4 G 1.5	11.6	86.5	209
1123471	5 G 1.5	12.5	104.3	243
1123472	7 G 1.5	13.4	136.5	300
1123473	12 G 1.5	17.3	238.3	486
1123474	18 G 1.5	20.2	355.4	691
1123475	25 G 1.5	23.1	475.1	914
1123476	2 X 2.5	11.6	79.4	197
1123477	3 G 2.5	12.1	106.1	243
1123478	4 G 2.5	13	134.3	293
1123479	5 G 2.5	14.1	158.3	342
1123480	7 G 2.5	15.4	225	462
1123481	12 G 2.5	20.1	383.6	718
1123482	18 G 2.5	23.4	548.9	1011
1123483	25 G 2.5	27.4	761.7	1370
1123485	4 G 4	14.7	211.9	399
1123486	5 G 4	15.9	250.3	471
1123487	3 G 6	14.9	232.1	414
1123488	4 G 6	16.1	298.5	519
1123489	5 G 6	17.8	356.1	607
1123490	4 G 10	20.1	490.6	837
1123492	4 G 16	22.5	735.1	1157
1123493	5 G 16	25	888.7	1407
1123494	4 G 25	27.8	1,126.6	1683

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