

ÖLFLEX® CLASSIC 130 H BK 0.6/1 kV

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

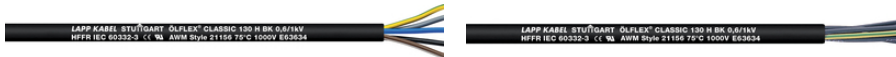
ÖLFLEX® CLASSIC 130 H BK 0.6/1 kV, UL AWM style 21156, power and control cable, halogen-free/highly flame retardant, conductor class 5, public buildings, outdoor

Info

Outdoors

Public buildings

UL AWM recognised



UV-resistant



Halogen-free



Suitable for outdoor use



Flame-retardant



Cold-resistant

Benefits

Easy installation due to flexible design

Last Update (14.06.2017)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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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

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

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: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U ₀ /U: 600/1000 V UL: 1000 V
Test voltage:	4000 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

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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

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.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1123410	2 X 1	8.6	19.2	107
1123411	3 G 1	9	28.8	123
1123412	4 G 1	9.6	38.4	144
1123413	5 G 1	10.4	48	167
1123414	7 G 1	11.1	67.2	206
1123415	12 G 1	14	115.2	314
1123418	2 X 1.5	9.6	28.8	137
1123419	3 G 1.5	10.1	43.2	161
1123420	4 G 1.5	10.8	57.6	190
1123421	5 G 1.5	11.7	72	221
1123422	7 G 1.5	12.6	100.8	276
1123423	12 G 1.5	16.1	172.8	427
1123424	18 G 1.5	18.8	259.2	596
1123425	25 G 1.5	21.7	360	799
1123427	3 G 2.5	11.3	72	219
1123428	4 G 2.5	12.2	96	262
1123429	5 G 2.5	13.3	120	307
1123430	7 G 2.5	14.4	168	390
1123431	12 G 2.5	18.7	288	624
1123432	18 G 2.5	22	432	879
1123433	25 G 2.5	25.8	600	1212
1123434	3 G 4	12.6	115.2	290
1123435	4 G 4	13.7	153.6	351
1123436	5 G 4	14.9	192	416
1123438	4 G 6	15.1	230.4	463
1123439	5 G 6	16.8	288	559
1123440	4 G 10	18.7	384	757
1123441	5 G 10	20.7	480	915
1123443	5 G 16	23.6	768	1296
1123444	4 G 25	26.2	960	1631

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