

## 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



UV-resistant



Torsion-resistant



Suitable for outdoor use

### 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

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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 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-1
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:	Static/Occ. moved: 4/15xOD*
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)

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.

\*OD = Outer diameter



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PRODUCT INFORMATION

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Article number	Number of cores and mm <sup>2</sup> 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	8.6	19.2	98
1120267	3 G 1	9	29	112
1120268	3 X 1	9	29	112
1120269	4 G 1	9.6	38.4	131
1120270	4 X 1	9.6	38.4	131
1120271	5 G 1	10.4	48	152
1120274	7 G 1	11.1	67	196
1120280	12 G 1	14	116	286
1120284	18 G 1	16.1	173	419
1120290	25 G 1	18.6	240	572
1120294	34 G 1	21.3	326	764
1120298	41 G 1	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 mm <sup>2</sup> 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	13.8	154	324
1120361	5 G 4	15.1	192	385
1120362	7 G 4	16.4	269	513
1120366	4 G 6	15.1	230	442
1120367	5 G 6	16.8	288	526
1120368	7 G 6	18.2	403	705
1120370	4 G 10	18.7	384	707
1120371	5 G 10	20.7	480	881
1120374	4 G 16	21.3	614	1100
1120375	5 G 16	23.6	768	1600
1120376	7 G 16	26.2	1075	1890
1120378	4 G 25	26.2	960	1600
1120379	5 G 25	29	1200	2050
1120382	4 G 35	29.1	1344	2400
1120383	5 G 35	32.5	1680	2900
1120385	4 G 50	35.6	1920	3400
1120387	4 G 70	40.7	2688	5050
1120389	4 G 95	46.8	3648	6010
1120390	4 G 120	53.5	4608	7500

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