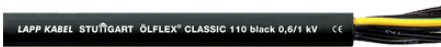


ÖLFLEX® CLASSIC 110 BLACK 0.6/1 kV

ÖLFLEX® CLASSIC 110 BLACK 0.6/1 kV power and control cable for various applications, PVC, class 5, number-coded, outdoor use and burial

Info

Good outdoor performance



UV-resistant



Torsion-resistant



Suitable for outdoor use

Application range

Plant construction
Machine building
Heating and air-conditioning systems
Power plant engineering
Event equipment

For fixed installation as well as occasional flexing with 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

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 core insulation LAPP P8/1
PVC sheath, black (RAL 9005)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 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:	Fixed/occasional flexing: 4/15 x OD*
Nominal voltage:	U ₀ /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 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.

*OD = outer diameter

**ÖLFLEX® CLASSIC 110 BLACK 0.6/1 KV**

Article number	Number of cores and mm ² 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	144
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 (17.06.2017)

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PN 0456 / 02_03_16

**ÖLFLEX® CLASSIC 110 BLACK 0.6/1 kV**

Article number	Number of cores and mm ² 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	542
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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