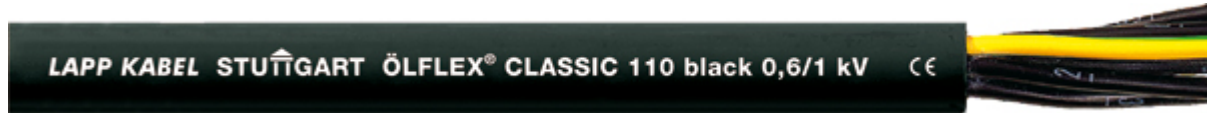


### Product Description

High electrical performance due to 4kV test voltage



### Application range

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- Plant engineering and construction Industrial machinery Air conditioning installations Power station Stage technique
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Outdoor use suitable considering the temperature range
- Suitable for direct burial

### Benefits

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- High electrical performance due to 4kV test voltage

### Design

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- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- PVC outer sheath, black (RAL 9005)

### Product features

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- Flame retardant according to IEC 60332-1-2
- UV resistant and weather proof



Technical Data

**Core identification code**

Black with white numbers acc. to VDE 0293

**Based on**

VDE 0250-1 and HD 627 S1

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5

**Minimum bending radius**

Occasional flexing: 15 x cable diameter

Fixed installation: 4 x cable diameter

**Rated voltage**

U0/U: 600/1000 V

**Test voltage**

4000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Occasional flexing: -5°C up to +70°C

Fixed installation: -40°C up to +80°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CLASSIC 110 BK U0/U: 600/1000 V				
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	29.0	108
1120237	5 G 0,75	9,9	36.0	126
1120241	7 G 0,75	10,7	51.0	162
1120248	12 G 0,75	13,4	86.0	236
1120251	18 G 0,75	15,4	130.0	334
1120259	41 G 0,75	21,6	296.0	713
1120266	2 X 1,0	8,6	19.2	98
1120267	3 G 1,0	9.0	29.0	112
1120268	3 X 1,0	9.0	29.0	112
1120269	4 G 1,0	9,6	38.4	131
1120270	4 X 1,0	9,6	38.4	131
1120271	5 G 1,0	10,4	48.0	152
1120274	7 G 1,0	11,1	67.0	196
1120280	12 G 1,0	14.0	116.0	286
1120284	18 G 1,0	16,1	173.0	419

1120290	25 G 1,0	18,6	240.0	572
1120294	34 G 1,0	21,3	326.0	764
1120298	41 G 1,0	23,2	394.0	891
1120306	2 X 1,5	9,6	29.0	123
1120307	3 G 1,5	10,1	43.0	144
1120308	3 X 1,5	10,1	43.0	144
1120309	4 G 1,5	10,8	58.0	170
1120311	5 G 1,5	11,7	72.0	199
1120314	7 G 1,5	12,6	101.0	261
1120320	12 G 1,5	16,1	173.0	399
1120322	14 G 1,5	17.0	202.0	448
1120324	18 G 1,5	18,8	259.0	547
1120328	25 G 1,5	21,7	360.0	770
1120330	34 G 1,5	24,9	490.0	996
1120333	50 G 1,5	29,8	720.0	1427
1120339	2 X 2,5	10,8	48.0	147
1120340	3 G 2,5	11,3	72.0	182
1120342	4 G 2,5	12,2	96.0	225
1120343	4 X 2,5	12,2	96.0	225
1120344	5 G 2,5	13,3	120.0	266
1120346	7 G 2,5	14,4	168.0	354
1120349	12 G 2,5	18,7	288.0	540
1120350	14 G 2,5	19,8	336.0	542
1120351	18 G 2,5	22.0	432.0	788
1120353	25 G 2,5	25,8	600.0	1094
1120360	4 G 4	13,8	154.0	324
1120361	5 G 4	15,1	192.0	385
1120362	7 G 4	16,4	269.0	513
1120366	4 G 6	15,1	230.0	442
1120367	5 G 6	16,8	288.0	526
1120368	7 G 6	18,2	403.0	705
1120370	4 G 10	18,7	384.0	707
1120371	5 G 10	20,7	480.0	881
1120374	4 G 16	21,3	614.0	1100
1120375	5 G 16	23,6	768.0	1600
1120376	7 G 16	26,2	1075.0	1890
1120378	4 G 25	26,2	960.0	1600
1120379	5 G 25	29.0	1200.0	2050
1120382	4 G 35	29,1	1344.0	2400
1120383	5 G 35	32,5	1680.0	2900
1120385	4 G 50	35,6	1920.0	3400



1120387	4 G 70	40,7	2688.0	5050
1120389	4 G 95	46,8	3648.0	6010
1120390	4 G 120	53,5	4608.0	7500

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil  $\leq$  30 kg and  $\leq$  250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Photographs are not to scale and do not represent detailed images of the respective products.