

Wide range use

PVC sheath and numbered cores

ÖLFLEX® CLASSIC 110 BLACK 0,6/1kV



Info

- Suitable for outdoor applications

Benefits

- High electrical performance due to 4kV test voltage

Application range

- 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

Product features

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

Approvals (Norm references)



Design

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

Technical data



Core identification code
Black with white numbers acc. to VDE 0293



Based on
Cores according to VDE 0281 (H07V-K)
Sheath according to Italian standard CEI-UNEL 35755 + 35756



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
U_c/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

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
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	8.6	19.2	98
1120267	3 G 1	9.0	29.0	112
1120268	3 X 1	9.0	29.0	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	48.0	152
1120274	7 G 1	11.1	67.0	196
1120280	12 G 1	14.0	116.0	286
1120284	18 G 1	16.1	173.0	419
1120290	25 G 1	18.6	240.0	572
1120294	34 G 1	21.3	326.0	764
1120298	41 G 1	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

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
1120330	34 G 1.5	24.9	490.0	996
1120333	50 G 1.5	29.8	720.0	1,427
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	1,094
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	1,100
1120375	5 G 16	23.6	768.0	1,600
1120376	7 G 16	26.2	1,075.0	1,890
1120378	4 G 25	26.2	960.0	1,600
1120379	5 G 25	29.0	1,200.0	2,050
1120382	4 G 35	29.1	1,344.0	2,400
1120383	5 G 35	32.5	1,680.0	2,900
1120385	4 G 50	35.6	1,920.0	3,400
1120387	4 G 70	40.7	2,688.0	5,050
1120389	4 G 95	46.8	3,648.0	6,010
1120390	4 G 120	53.5	4,608.0	7,500

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

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

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

Comparable products

- ÖLFLEX® CLASSIC 100 BK POWER 0,6/1kV see page 27
- ÖLFLEX® CLASSIC 130 H BK 0,6/1kV see page 57

Accessories

- SKINTOP® MS-M see page 650
- Cable shears KT 4 and KT 5 see page 904