


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV</b>	29.11.2013



Suitable for outdoor use



Interference signals



UV-resistant

#### Info

Good outdoor performance  
EMC/Screened

#### Application range

Plant engineering Industrial machinery Heating and air-conditioning systems Power stations  
For frequency converter-powered 3-phase AC motors  
In EMC-sensitive environments (electromagnetic compatibility)  
For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load  
Suitable for direct burial

#### Design

Fine-wire strand made of bare copper wires  
PVC insulation LAPP P8/1  
PVC inner sheath, black  
Tinned-copper braiding  
PVC outer sheath, black (RAL 9005)

#### Norm references / Approvals

Based on VDE 0250-1 and HD 627-1 S1

#### Product features

Flame-retardant according IEC 60332-1-2  
UV and weather-resistant according to ISO 4892-2  
Ozone-resistant according to EN 50396  
High degree of screening low transfer impedance (max. 250  $\Omega$ /km at 30 MHz)

#### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. 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  $\leq$  30 kg or  $\leq$  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 are not to scale and do not represent detailed images of the respective products.

\*OD = Outer diameter

Product Management	Document: LAPP_PRO8EN.pdf	1 / 4
--------------------	---------------------------	-------

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV</b>	29.11.2013

### Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Static/Occ. moved: 6/20xOD*
Nominal voltage:	U <sub>0</sub> /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

Product Management	Document: LAPP_PRO8EN.pdf	2 / 4
--------------------	---------------------------	-------



## ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV

29.11.2013

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 110 CY BLACK				
1121232	2 X0,75	10,5	46.0	183
1121233	3 G0,75	10,9	56.0	210
1121235	4 G0,75	11,4	67.0	238
1121236	4 X0,75	11,4	67.0	238
1121237	5 G0,75	12,1	78.0	272
1121241	7 G0,75	12,9	97.0	315
1121247	12 G0,75	15,8	168.0	464
1121251	18 G0,75	18,0	229.0	616
1121254	25 G0,75	20,7	296.0	762
1121266	2 X1,0	10,8	52.0	198
1121267	3 G1,0	11,2	66.0	228
1121268	3 X1,0	11,2	66.0	228
1121269	4 G1,0	11,8	79.0	261
1121270	4 X1,0	11,8	79.0	261
1121271	5 G1,0	12,6	93.0	300
1121274	7 G1,0	13,3	117.0	335
1121280	12 G1,0	16,4	204.0	522
1121284	18 G1,0	18,7	280.0	687
1121290	25 G1,0	21,6	369.0	884
1121306	2 X1,5	11,8	69.0	243
1121307	3 G1,5	12,3	87.0	273
1121308	3 X1,5	12,3	87.0	273
1121309	4 G1,5	13,0	102.0	290
1121310	4 X1,5	13,0	102.0	290
1121311	5 G1,5	13,9	125.0	352
1121314	7 G1,5	15,0	180.0	448
1121320	12 G1,5	18,7	281.0	690
1121324	18 G1,5	21,8	391.0	938
1121328	25 G1,5	25,1	518.0	1180

**ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV**

29.11.2013

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1121340	3 G2,5	13,5	123.0	354
1121342	4 G2,5	14,6	168.0	413
1121344	5 G2,5	15,7	204.0	515
1121346	7 G2,5	17,0	265.0	619
1121349	12 G2,5	21,7	421.0	936
1121360	4 G4	16,2	238.0	587
1121361	5 G4	17,7	302.0	689
1121362	7 G4	19,0	396.0	828
1121367	4 G6	17,7	318.0	715
1121368	5 G6	19,2	419.0	862
1121369	7 G6	21,2	559.0	1105
1121372	4 G10	21,7	574.0	875
1121373	5 G10	23,0	612.0	1037
1121377	4 G16	24,3	809.0	1198
1121378	5 G16	26,7	935.0	1500
1121381	4 G25	29,8	1165.0	1814
1121382	5 G25	31,6	1400.0	2164
1121385	4 G35	32,7	1683.0	2893
1121388	4 G50	39,6	2368.0	4094
1121391	4 G70	44,5	3261.0	5467
1121394	4 G95	51,0	4055.0	5849
1121397	4 G120	58,1	5225.0	7509