


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV	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 Ω/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


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

*OD = Outer diameter

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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 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

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Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
ÖLFLEX® CLASSIC 110 CY BLACK			
1121232	2 X0,75	10,5	46.0
1121233	3 G0,75	10,9	56.0
1121235	4 G0,75	11,4	67.0
1121236	4 X0,75	11,4	67.0
1121237	5 G0,75	12,1	78.0
1121241	7 G0,75	12,9	97.0
1121247	12 G0,75	15,8	168.0
1121251	18 G0,75	18.0	229.0
1121254	25 G0,75	20,7	296.0
1121266	2 X1,0	10,8	52.0
1121267	3 G1,0	11,2	66.0
1121268	3 X1,0	11,2	66.0
1121269	4 G1,0	11,8	79.0
1121270	4 X1,0	11,8	79.0
1121271	5 G1,0	12,6	93.0
1121274	7 G1,0	13,3	117.0
1121280	12 G1,0	16,4	204.0
1121284	18 G1,0	18,7	280.0
1121290	25 G1,0	21,6	369.0
1121306	2 X1,5	11,8	69.0
1121307	3 G1,5	12,3	87.0
1121308	3 X1,5	12,3	87.0
1121309	4 G1,5	13.0	102.0
1121310	4 X1,5	13.0	102.0
1121311	5 G1,5	13,9	125.0
1121314	7 G1,5	15.0	180.0
1121320	12 G1,5	18,7	281.0
1121324	18 G1,5	21,8	391.0
1121328	25 G1,5	25,1	518.0

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
1121340	3 G2,5	13,5	123.0
1121342	4 G2,5	14,6	168.0
1121344	5 G2,5	15,7	204.0
1121346	7 G2,5	17.0	265.0
1121349	12 G2,5	21,7	421.0
1121360	4 G4	16,2	238.0
1121361	5 G4	17,7	302.0
1121362	7 G4	19.0	396.0
1121367	4 G6	17,7	318.0
1121368	5 G6	19,2	419.0
1121369	7 G6	21,2	559.0
1121372	4 G10	21,7	574.0
1121373	5 G10	23.0	612.0
1121377	4 G16	24,3	809.0
1121378	5 G16	26,7	935.0
1121381	4 G25	29,8	1165.0
1121382	5 G25	31,6	1400.0
1121385	4 G35	32,7	1683.0
1121388	4 G50	39,6	2368.0
1121391	4 G70	44,5	3261.0
1121394	4 G95	51.0	4055.0
1121397	4 G120	58,1	5225.0

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