

ÖLFLEX® CLASSIC 110 CY BLACK 0.6/1 kV

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

Info

Good outdoor performance
EMC/shielded



UV-resistant



Interference signals



Suitable for outdoor use

Application range

Plant construction

Machine building

Heating and air-conditioning systems

Power plant engineering

For frequency converter-powered three-phase machines

In EMC-sensitive environments

(electromagnetic compatibility)

Servo Drive Connection Cable

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

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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 level of screening
Low coupling resistance
(max. 250 Ω/km at 30 MHz)

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 inner sheath, black
Tinned-copper braiding
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
Minimum bending radius:	Fixed/occasional flexing: 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

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

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 110 CY BLACK				
1121232	2 X 0.75	10.5	46	183
1121233	3 G 0.75	10.9	56	210
1121235	4 G 0.75	11.4	67	238
1121236	4 X 0.75	11.4	67	238
1121237	5 G 0.75	12.1	78	272
1121241	7 G 0.75	12.9	97	315
1121247	12 G 0.75	15.8	168	464
1121251	18 G 0.75	18	229	616
1121254	25 G 0.75	20.7	296	762
1121266	2 X 1	10.8	52	198
1121267	3 G 1	11.2	66	228
1121268	3 X 1	11.2	66	228
1121269	4 G 1	11.8	79	261
1121270	4 X 1	11.8	79	261
1121271	5 G 1	12.6	93	300
1121274	7 G 1	13.3	117	335
1121280	12 G 1	16.4	204	522
1121284	18 G 1	18.7	280	687
1121290	25 G 1	21.6	369	884
1121306	2 X 1.5	11.8	69	243
1121307	3 G 1.5	12.3	87	273
1121308	3 X 1.5	12.3	87	273
1121309	4 G 1.5	13	102	290
1121310	4 X 1.5	13	102	290
1121311	5 G 1.5	13.9	125	352
1121314	7 G 1.5	15	180	448
1121320	12 G 1.5	18.7	281	690
1121324	18 G 1.5	21.8	391	938
1121328	25 G 1.5	25.1	518	1180
1121340	3 G 2.5	13.5	123	354
1121342	4 G 2.5	14.6	168	413
1121344	5 G 2.5	15.7	204	515
1121346	7 G 2.5	17	265	619

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Product Management www.lappkabel.deYou can find the current technical data in the corresponding data sheet.
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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1121349	12 G 2.5	21.7	421	936
1121360	4 G 4	16.2	238	587
1121361	5 G 4	17.7	302	689
1121362	7 G 4	19	396	828
1121367	4 G 6	17.7	318	715
1121368	5 G 6	19.2	419	862
1121372	4 G 10	21.7	574	875
1121373	5 G 10	23	612	1037
1121377	4 G 16	24.3	809	1198
1121378	5 G 16	26.7	935	1500
1121381	4 G 25	29.8	1165	1814
1121385	4 G 35	32.7	1683	2893
1121388	4 G 50	39.6	2368	4094
1121391	4 G 70	44.5	3261	5467
1121394	4 G 95	51	4055	5849
1121397	4 G 120	58.1	5225	7509

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