

ÖLFLEX® CLASSIC 110 CY BLACK 0,6/1 kV



Info

- Suitable for outdoor applications
- EMC compliant



Benefits

- Space saving installation due to small cable diameters
- High electrical performance due to 4kV test voltage

Application range

- Plant engineering and construction
Industrial machinery
Air conditioning installations
Power station
- In EMI critical environment (electromagnetic interference)
- 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
- High coverage degree of the screen
low transfer impedance
(max. 250 Ω/km at 30 MHz)

Approvals (Norm references)



Design

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

Technical data

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

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

Specific insulation resistance
> 20 GΩm x cm

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

Minimum bending radius
Occasional flexing: 20 x cable diameter
Fixed installed: 6 x outer 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

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 CY BK U0/U: 600/1000V				
1121232	2 X 0.75	10.5	46.0	183
1121233	3 G 0.75	10.9	56.0	210
1121235	4 G 0.75	11.4	67.0	238
1121236	4 X 0.75	11.4	67.0	238
1121237	5 G 0.75	12.1	78.0	272
1121241	7 G 0.75	12.9	97.0	315
1121247	12 G 0.75	15.8	168.0	464
1121251	18 G 0.75	18.0	229.0	616
1121254	25 G 0.75	20.7	296.0	762
1121266	2 X 1	10.8	52.0	198
1121267	3 G 1	11.2	66.0	228
1121268	3 X 1	11.2	66.0	228
1121269	4 G 1	11.8	79.0	261
1121270	4 X 1	11.8	79.0	261
1121271	5 G 1	12.6	93.0	300
1121274	7 G 1	13.3	117.0	335
1121280	12 G 1	16.4	204.0	522
1121284	18 G 1	18.7	280.0	687
1121290	25 G 1	21.6	369.0	884
1121306	2 X 1.5	11.8	69.0	243
1121307	3 G 1.5	12.3	87.0	273
1121308	3 X 1.5	12.3	87.0	273
1121309	4 G 1.5	13.0	102.0	290
1121310	4 X 1.5	13.0	102.0	290
1121311	5 G 1.5	13.9	125.0	352

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
1121314	7 G 1.5	15.0	180.0	448
1121320	12 G 1.5	18.7	281.0	690
1121324	18 G 1.5	21.8	391.0	938
1121328	25 G 1.5	25.1	518.0	1,180
1121340	3 G 2.5	13.5	123.0	354
1121342	4 G 2.5	14.6	168.0	413
1121344	5 G 2.5	15.7	204.0	515
1121346	7 G 2.5	17.0	265.0	619
1121349	12 G 2.5	21.7	421.0	936
1121360	4 G 4	16.2	238.0	587
1121361	5 G 4	17.7	302.0	689
1121362	7 G 4	19.0	396.0	828
1121367	4 G 6	17.7	318.0	715
1121368	5 G 6	19.2	419.0	862
1121369	7 G 6	21.2	559.0	1,105
1121372	4 G 10	21.7	574.0	1,188
1121373	5 G 10	23.0	612.0	1,020
1121377	4 G 16	24.3	809.0	1,656
1121378	5 G 16	26.7	935.0	1,440
1121381	4 G 25	29.8	1,165.0	2,179
1121382	5 G 25	31.6	1,400.0	2,090
1121385	4 G 35	32.7	1,683.0	2,893
1121388	4 G 50	39.6	2,368.0	4,094
1121391	4 G 70	44.5	3,261.0	5,467
1121394	4 G 95	51.0	4,055.0	5,849
1121397	4 G 120	58.1	5,225.0	7,509

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 135 CH BK 0,6/1kV see page 58

Accessories

- SKINTOP® MS-M BRUSH see page 658

ÖLFLEX®
UNITRONIC®
ETHERLINE®
HITRONIC®
EPIC®
SKINTOP®
SILVYN®
FLEXIMARK®
ACCESSORIES
APPENDIX