

Product Description

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

Benefits

- High electrical performance due to 4kV test voltage

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)

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 Ohm/km at 30 MHz)



Technical Data

Core identification code

Black with white numbers acc. to VDE 0293

Based on

VDE 0250-1 and HD 627 S1

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: 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

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
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 1,0	10,8	52.0	198
1121267	3 G 1,0	11,2	66.0	228
1121268	3 X 1,0	11,2	66.0	228
1121269	4 G 1,0	11,8	79.0	261
1121270	4 X 1,0	11,8	79.0	261
1121271	5 G 1,0	12,6	93.0	300
1121274	7 G 1,0	13,3	117.0	335
1121280	12 G 1,0	16,4	204.0	522
1121284	18 G 1,0	18,7	280.0	687



1121290	25 G 1,0	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
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	1180
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	1105
1121372	4 G 10	21,7	574.0	1188
1121373	5 G 10	23.0	612.0	1020
1121377	4 G 16	24,3	809.0	1656
1121378	5 G 16	26,7	935.0	1440
1121381	4 G 25	29,8	1165.0	2179
1121382	5 G 25	31,6	1400.0	2090
1121385	4 G 35	32,7	1683.0	2893
1121388	4 G 50	39,6	2368.0	4094
1121391	4 G 70	44,5	3261.0	5467
1121394	4 G 95	51.0	4055.0	5849
1121397	4 G 120	58,1	5225.0	7509

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

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)



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