Product Description

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
- Conveying and transport systems
- In EMI critical environment (electromagnetic interference)

Benefits

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

Design

- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- PVC inner sheath, grey
- tinned copper braid
- PVC outer sheath, transparent

Approvals (Norm references)

- Remark: A RoHS-non-compliant version is marketed under ÖLFLEX® 110 CY with VDE-REG.-Nr. 8067. To order this, please add appendix to the below stated part numbers. This does not affect the above given further technical data or description.

Product features

- Flame retardant according to IEC 60332-1-2
- Good chemical resistance see Appendix T1
- 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
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: 300/500 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
VDE tested
VDE Reg. No. 7030 for sizes up to and including 65 cores

Article List

Part number	Number of cores and mm² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CLASSIC 110 CY				
1135752	2 X 0,5	7.0	41.0	75
1135003	3 G 0,5	7,3	45.5	83
1135753	3 X 0,5	7,3	45.5	83
1135004	4 G 0,5	7,9	55.0	99
1135754	4 X 0,5	7,9	55.0	99
1135005	5 G 0,5	8,4	66.0	112
1135755	5 X 0,5	8,4	66.0	112
1135007	7 G 0,5	8,9	80.5	132
1135757	7 X 0,5	8,9	80.5	132
1135012	12 G 0,5	11,3	138.5	202
1135762	12 X 0,5	11,3	138.5	202
1135018	18 G 0,5	13,3	156.4	289
1135025	25 G 0,5	15,2	250.0	378
1135030	30 G 0,5	16,1	297.0	429
1135040	40 G 0,5	18,2	343.0	542
1135802	2 X 0,75	7,4	46.0	86
1135103	3 G 0,75	7,9	57.9	100
1135803	3 X 0,75	7,9	57.9	100

1135104	4 G 0,75	8,4	64.0	115
1135804	4 X 0,75	8,4	64.0	115
1135105	5 G 0,75	8,9	77.4	130
1135805	5 X 0,75	8,9	77.4	130
1135107	7 G 0,75	9,7	102.0	161
1135807	7 X 0,75	9,7	102.0	161
1135112	12 G 0,75	12,3	177.0	247
1135812	12 X 0,75	12,3	177.0	247
1135118	18 G 0,75	14,5	243.0	356
1135818	18 X 0,75	14,5	243.0	356
1135125	25 G 0,75	16,6	307.3	465
1135134	34 G 0,75	18,9	323.2	601
1135840	40 X 0,75	20,5	369.4	734
1135141	41 G 0,75	20,6	488.0	728
1135852	2 X 1,0	7,9	56.0	98
1135203	3 G 1,0	8,2	65.3	111
1135853	3 X 1,0	8,2	65.3	111
1135204	4 G 1,0	8,7	78.1	130
1135854	4 X 1,0	8,7	78.1	130
1135205	5 G 1,0	9,5	89.4	153
1135207	7 G 1,0	10,2	113.3	185
1135212	12 G 1,0	13,3	188.1	307
1135216	16 G 1,0	14,6	216.0	390
1135218	18 G 1,0	15,5	286.0	418
1135225	25 G 1,0	17,5	388.5	544
1135234	34 G 1,0	20,3	505.0	738
1135241	41 G 1,0	22.0	578.0	864
1135250	50 G 1,0	23,8	688.0	1011
1135902	2 X 1,5	8,5	65.0	117
1135303	3 G 1,5	8,9	83.0	136
1135903	3 X 1,5	8,9	83.0	136
1135304	4 G 1,5	9,6	100.0	163
1135904	4 X 1,5	9,6	100.0	163
1135305	5 G 1,5	10,3	125.0	188
1135905	5 X 1,5	10,3	125.0	188
1135307	7 G 1,5	11,3	149.0	237
1135907	7 X 1,5	11,3	149.0	237
1135312	12 G 1,5	14,8	280.0	393
1135318	18 G 1,5	17,2	389.0	538
1135325	25 G 1,5	20,1	535.0	745
1135334	34 G 1,5	22,8	702.0	964

1135341	41 G 1,5	24,7	844.6	1123
1135350	50 G 1,5	27,1	1006.0	1372
1135402	2 X 2,5	9,9	112.0	165
1135403	3 G 2,5	10,3	146.0	192
1135404	4 G 2,5	11,3	167.0	233
1135405	5 G 2,5	12,6	200.0	283
1135407	7 G 2,5	13,9	288.0	371
1135412	12 G 2,5	17,6	477.3	585
1135502	2 X 4	11,4	120.0	247
1135504	4 G 4	13,4	237.0	347
1135505	5 G 4	14,7	280.0	413
1135602	2 X 6	13,6	180.0	353
1135604	4 G 6	15,8	318.0	485
1135605	5 G 6	17,3	441.0	702
1135607	7 G 6	18,8	530.0	950
1135702	2 X 10	16,4	256.0	492
1135615	3 G 10	17,4	362.4	507
1135614	4 G 10	19.0	558.0	735
1135616	5 G 10	21,2	595.0	847
1135617	7 G 10	23,2	796.0	1039
1135622	2 X 16	18,6	390.0	698
1135624	4 G 16	22,2	804.0	1395
1135623	5 G 16	26,7	935.0	1440
1135626	4 G 25	28,7	1161.0	1730
1135627	5 G 25	31,6	1400.0	2090
1135625	4 G 35	32.0	1543.0	2210
1135628	5 G 35	35,5	1901.0	2710

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.