

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 mm ² per conductor	Outer diameter in mm approx.	Core colour	Copper index kg/km	Weight kg/km approx.
ÖLFLEX® CLASSIC 110 CY					
1135752	2 X 0,5	7		41	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	99
1135754	4 X 0,5	7,9		55	99
1135005	5 G 0,5	8,4		66	112
1135755	5 X 0,5	8,4		66	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	378
1135030	30 G 0,5	16,1		297	429
1135040	40 G 0,5	18,2		343	542
1135802	2 X 0,75	7,4		46	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	115
1135804	4 X 0,75	8,4		64	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	161
1135807	7 X 0,75	9,7		102	161
1135112	12 G 0,75	12,3		177	247
1135812	12 X 0,75	12,3		177	247
1135118	18 G 0,75	14,5		243	356
1135818	18 X 0,75	14,5		243	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	728
1135852	2 X 1	7,9		56	98
1135203	3 G 1	8,2		65.3	111
1135853	3 X 1	8,2		65.3	111
1135204	4 G 1	8,7		78.1	130
1135854	4 X 1	8,7		78.1	130
1135205	5 G 1	9,5		89.4	153
1135207	7 G 1	10,2		113.3	185
1135212	12 G 1	13,3		188.1	307
1135216	16 G 1	14,6		216	390
1135218	18 G 1	15,5		286	418
1135225	25 G 1	17,5		388.5	544
1135234	34 G 1	20,3		505	738
1135241	41 G 1	22		578	864
1135250	50 G 1	23,8		688	1011
1135902	2 X 1,5	8,5		65	117
1135303	3 G 1,5	8,9		83	136
1135903	3 X 1,5	8,9		83	136
1135304	4 G 1,5	9,6		100	163
1135904	4 X 1,5	9,6		100	163
1135305	5 G 1,5	10,3		125	188
1135905	5 X 1,5	10,3		125	188
1135307	7 G 1,5	11,3		149	237
1135907	7 X 1,5	11,3		149	237
1135312	12 G 1,5	14,8		280	393
1135318	18 G 1,5	17,2		389	538
1135325	25 G 1,5	20,1		535	745
1135334	34 G 1,5	22,8		702	964



1135341	41 G 1,5	24,7		844.6	1123
1135350	50 G 1,5	27,1		1006	1372
1135402	2 X 2,5	9,9		112	165
1135403	3 G 2,5	10,3		146	192
1135404	4 G 2,5	11,3		167	233
1135405	5 G 2,5	12,6		200	283
1135407	7 G 2,5	13,9		288	371
1135412	12 G 2,5	17,6		477.3	585
1135502	2 X 4	11,4		120	247
1135504	4 G 4	13,4		237	347
1135505	5 G 4	14,7		280	413
1135602	2 X 6	13,6		180	353
1135604	4 G 6	15,8		318	485
1135605	5 G 6	17,3		441	702
1135607	7 G 6	18,8		530	950
1135702	2 X 10	16,4		256	492
1135615	3 G 10	17,4		362.4	507
1135614	4 G 10	19		558	735
1135616	5 G 10	21,2		595	847
1135617	7 G 10	23,2		796	1039
1135622	2 X 16	18,6		390	698
1135624	4 G 16	22,2		804	1395
1135623	5 G 16	26,7		935	1440
1135626	4 G 25	28,7		1161	1730
1135627	5 G 25	31,6		1400	2090
1135625	4 G 35	32		1543	2210
1135628	5 G 35	35,5		1901	2710

Footnote:

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