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 Power station Stage technique
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Dry or damp interiors under medium mechanical load conditions

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
- Cores twisted in layers
- PVC outer sheath, grey (RAL 7001)

Approvals (Norm references)

- Remark: A RoHS-non-compliant version is marketed under ÖLFLEX® 110 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

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: 15 x cable diameter
Fixed installation: 4 x cable 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 following sizes: up to 2,5 mm²: 2 - 65 cores starting at 4 mm²: 2 - 7 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				
1119752	2 X 0,5	4,8	9.6	35
1119003	3 G 0,5	5,1	14.4	42
1119753	3 X 0,5	5,1	14.4	42
1119004	4 G 0,5	5,7	19.2	54
1119754	4 X 0,5	5,7	19.2	54
1119005	5 G 0,5	6,2	24.0	63
1119755	5 X 0,5	6,2	24.0	63
1119007	7 G 0,5	6,7	33.6	81
1119757	7 X 0,5	6,7	33.6	81
1119010	10 G 0,5	8,6	48.0	116
1119012	12 G 0,5	8,9	58.0	131
1119014	14 G 0,5	9,5	67.0	153
1119018	18 G 0,5	10,5	86.4	188
1119021	21 G 0,5	11,7	101.0	221

1119025	25 G 0,5	12,4	120.0	261
1119030	30 G 0,5	13,3	144.0	304
1119035	35 G 0,5	14,5	168.0	356
1119040	40 G 0,5	15,4	192.0	400
1119052	52 G 0,5	17,3	250.0	517
1119061	61 G 0,5	18,5	293.0	603
1119065	65 G 0,5	19,6	312.0	644
1119080	80 G 0,5	21,1	384.0	780
1119100	100 G 0,5	23,6	480.0	975
1119802	2 X 0,75	5,4	14.4	45
1119103	3 G 0,75	5,7	21.6	55
1119803	3 X 0,75	5,7	21.6	55
1119104	4 G 0,75	6,2	28.8	66
1119804	4 X 0,75	6,2	28.8	66
1119105	5 G 0,75	6,7	36.0	79
1119805	5 X 0,75	6,7	36.0	79
1119107	7 G 0,75	7,3	50.0	101
1119807	7 X 0,75	7,3	50.0	101
1119109	9 G 0,75	9,4	65.0	137
1119110	10 G 0,75	9,6	72.0	150
1119112	12 G 0,75	9,9	86.0	171
1119812	12 X 0,75	9,9	86.0	171
1119115	15 G 0,75	10,9	108.0	209
1119117	15 X 0,75	10,9	108.0	209
1119116	16 G 0,75	11,1	115.2	220
1119118	18 G 0,75	11,7	130.0	244
1119121	21 G 0,75	13.0	151.0	286
1119125	25 G 0,75	13,8	180.0	337
1119126	26 G 0,75	14,2	187.2	350
1119134	34 G 0,75	15,9	245.0	448
1119141	41 G 0,75	17,4	296.0	538
1119150	50 G 0,75	19,2	360.0	648
1119151	51 G 0,75	19,2	367.0	646
1119161	61 G 0,75	20,5	439.0	779
1119165	65 G 0,75	21,8	468.0	832
1119180	80 G 0,75	23,6	576.0	1019
1119200	100 G 0,75	26,4	718.0	1271
1119852	2 X 1,0	5,7	19.2	53
1119203	3 G 1,0	6.0	28.8	65
1119853	3 X 1,0	6.0	28.8	65
1119204	4 G 1,0	6,5	38.4	79

1119854	4 X 1,0	6,5	38.4	79
1119205	5 G 1,0	7,1	48.0	94
1119855	5 X 1,0	7,1	48.0	94
1119206	6 G 1,0	8.0	58.0	113
1119207	7 G 1,0	8.0	67.0	126
1119857	7 X 1,0	8.0	67.0	126
1119208	8 G 1,0	9,5	77.0	149
1119209	9 G 1,0	10.0	86.0	164
1119210	10 G 1,0	10,2	96.0	180
1119212	12 G 1,0	10,5	115.0	205
1119862	12 X 1,0	10,5	115.0	205
1119214	14 G 1,0	11,2	134.0	238
1119216	16 G 1,0	11,8	153.6	266
1119218	18 G 1,0	12,7	173.0	320
1119868	18 X 1,0	12,7	173.0	320
1119220	20 G 1,0	13,4	192.0	330
1119870	20 X 1,0	13,4	192.0	330
1119225	25 G 1,0	14,7	240.0	408
1119226	26 G 1,0	15,1	249.0	424
1119234	34 G 1,0	17,1	326.0	551
1119236	36 G 1,0	17,4	346.0	578
1119241	41 G 1,0	18,8	394.0	661
1119250	50 G 1,0	20,6	480.0	797
1119256	56 G 1,0	21,4	538.0	888
1119261	61 G 1,0	22,1	586.0	958
1119265	65 G 1,0	23,6	624.0	1033
1119280	80 G 1,0	25,3	768.0	1251
1119300	100 G 1,0	28,3	960.0	1560
1119902	2 X 1,5	6,3	29.0	68
1119303	3 G 1,5	6,7	43.0	84
1119903	3 X 1,5	6,7	43.0	84
1119304	4 G 1,5	7,2	58.0	104
1119904	4 X 1,5	7,2	58.0	104
1119305	5 G 1,5	8,1	72.0	128
1119905	5 X 1,5	8,1	72.0	128
1119306	6 G 1,5	8,4	86.4	157
1119307	7 G 1,5	8,9	101.0	166
1119907	7 X 1,5	8,9	101.0	166
1119308	8 G 1,5	10,6	116.0	210
1119313	8 X 1,5	10,6	116.0	210
1119309	9 G 1,5	11,4	130.0	221

1119310	10 G 1,5	11,6	143.0	243
1119311	11 G 1,5	11,6	158.0	258
1119312	12 G 1,5	12.0	173.0	279
1119912	12 X 1,5	12.0	173.0	279
1119314	14 G 1,5	12,7	202.0	323
1119316	16 G 1,5	13,4	230.4	361
1119318	18 G 1,5	14,4	259.0	407
1119321	21 G 1,5	15,7	302.0	469
1119325	25 G 1,5	16,9	360.0	560
1119326	26 G 1,5	17,3	374.4	582
1119332	32 G 1,5	18,7	461.0	704
1119334	34 G 1,5	19,4	490.0	746
1119341	41 G 1,5	21,3	591.0	895
1119350	50 G 1,5	23,5	720.0	1089
1119361	61 G 1,5	25,2	878.0	1309
1119365	65 G 1,5	26,7	936.0	1398
1119952	2 X 2,5	7,5	48.0	101
1119403	3 G 2,5	8,1	72.0	132
1119404	4 G 2,5	8,9	96.0	163
1119405	5 G 2,5	10.0	120.0	200
1119407	7 G 2,5	11,1	168.0	267
1119412	12 G 2,5	14,8	288.0	445
1119414	14 G 2,5	15,8	336.0	515
1119418	18 G 2,5	17,8	432.0	648
1119425	25 G 2,5	20,8	600.0	890
1119434	34 G 2,5	24,4	816.0	1208
1119450	50 G 2,5	29,4	1200.0	1754
1119503	3 G 4	9,9	115.0	201
1119504	4 G 4	10,8	154.0	249
1119505	5 G 4	12,1	192.0	294
1119507	7 G 4	13,4	269.0	407
1119511	11 G 4	17,6	422.0	634
1119512	12 G 4	18,1	461.0	660
1119603	3 G 6	11,7	172.8	289
1119604	4 G 6	13.0	230.0	365
1119605	5 G 6	14,5	288.0	447
1119607	7 G 6	16.0	403.0	600
1119613	3 G 10	14,6	288.0	466
1119614	4 G 10	16,2	384.0	590
1119615	5 G 10	18,1	480.0	722
1119617	7 G 10	20.0	672.0	968

1119624	4 G 16	18,8	614.0	1087
1119625	5 G 16	21,2	768.0	1370
1119627	7 G 16	23,4	1075.0	1779
1119634	4 G 25	23,5	960.0	1582
1119635	5 G 25	26,4	1200.0	1998
1119636	7 G 25	29,1	1680.0	2825
1119644	4 G 35	26,4	1344.0	2106
1119645	5 G 35	29,6	1680.0	2635

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

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.

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