



**Description:** ÖLFLEX CLASSIC 110 4 G35\_

**Lapp code:** Lapp 1119644

The **Test voltage** of the cable Lapp 1119644 is 4000 V.

## Application range

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Dry or damp rooms that are subject to medium mechanical loads
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)
- In power chains for a travelling distance up to 5 m and 0,2 ... 1 million bending cycles, for following dimensions: 0,5 to 2.5mm<sup>2</sup> and 2 to 7 conductors

## Product Make-up

- Fine-wire strand made of bare copper wires
- PVC insulation LAPP P8/1
- Cores twisted in layers
- PVC outer sheath, grey (RAL 7001)

In our Cable list on next page you can find all interesting information acc. article Lapp 1119644 and much more.

CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 110					
ÖLFLEX CLASSIC 110 2 X0,5	Lapp 1119752	2 X0,5	4,8	9.6	35
ÖLFLEX CLASSIC 110 3 G0,5	Lapp 1119003	3 G0,5	5,1	14.4	42
ÖLFLEX CLASSIC 110 3 X0,5	Lapp 1119753	3 X0,5	5,1	14.4	42
ÖLFLEX CLASSIC 110 4 G0,5	Lapp 1119004	4 G0,5	5,7	19.2	54
ÖLFLEX CLASSIC 110 4 X0,5	Lapp 1119754	4 X0,5	5,7	19.2	54
ÖLFLEX CLASSIC 110 5 G0,5	Lapp 1119005	5 G0,5	6,2	24.0	63
ÖLFLEX CLASSIC 110 5 X0,5	Lapp 1119755	5 X0,5	6,2	24.0	63
ÖLFLEX CLASSIC 110 7 G0,5	Lapp 1119007	7 G0,5	6,7	33.6	81
ÖLFLEX CLASSIC 110 7 X0,5	Lapp 1119757	7 X0,5	6,7	33.6	81
ÖLFLEX CLASSIC 110 10 G0,5	Lapp 1119010	10 G0,5	8,6	48.0	116
ÖLFLEX CLASSIC 110 12 G0,5	Lapp 1119012	12 G0,5	8,9	58.0	131
ÖLFLEX CLASSIC 110 14 G0,5	Lapp 1119014	14 G0,5	9,5	67.0	153
ÖLFLEX CLASSIC 110 18 G0,5	Lapp 1119018	18 G0,5	10,5	86.4	188
ÖLFLEX CLASSIC 110 21 G0,5	Lapp 1119021	21 G0,5	11,7	101.0	221
ÖLFLEX CLASSIC 110 25 G0,5	Lapp 1119025	25 G0,5	12,4	120.0	261
ÖLFLEX CLASSIC 110 30 G0,5	Lapp 1119030	30 G0,5	13,3	144.0	304
ÖLFLEX CLASSIC 110 35 G0,5	Lapp 1119035	35 G0,5	14,5	168.0	356
ÖLFLEX CLASSIC 110 40 G0,5	Lapp 1119040	40 G0,5	15,4	192.0	400
ÖLFLEX CLASSIC 110 52 G0,5	Lapp 1119052	52 G0,5	17,3	250.0	517
ÖLFLEX CLASSIC 110 61 G0,5	Lapp 1119061	61 G0,5	18,5	293.0	603
ÖLFLEX CLASSIC 110 65 G0,5	Lapp 1119065	65 G0,5	19,6	312.0	644
ÖLFLEX CLASSIC 110 80 G0,5	Lapp 1119080	80 G0,5	21,1	384.0	780
ÖLFLEX CLASSIC 110 100 G0,5	Lapp 1119100	100 G0,5	23,6	480.0	975
ÖLFLEX CLASSIC 110 2 X0,75	Lapp 1119802	2 X0,75	5,4	14.4	45

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ÖLFLEX CLASSIC 110 3 G0,75	Lapp 1119103	3 G0,75	5,7	21.6	55
ÖLFLEX CLASSIC 110 3 X0,75	Lapp 1119803	3 X0,75	5,7	21.6	55
ÖLFLEX CLASSIC 110 4 G0,75	Lapp 1119104	4 G0,75	6,2	28.8	66
ÖLFLEX CLASSIC 110 4 X0,75	Lapp 1119804	4 X0,75	6,2	28.8	66
ÖLFLEX CLASSIC 110 5 G0,75	Lapp 1119105	5 G0,75	6,7	36.0	79
ÖLFLEX CLASSIC 110 5 X0,75	Lapp 1119805	5 X0,75	6,7	36.0	79
ÖLFLEX CLASSIC 110 7 G0,75	Lapp 1119107	7 G0,75	7,3	50.0	101
ÖLFLEX CLASSIC 110 7 X0,75	Lapp 1119807	7 X0,75	7,3	50.0	101
ÖLFLEX CLASSIC 110 9 G0,75	Lapp 1119109	9 G0,75	9,4	65.0	137
ÖLFLEX CLASSIC 110 10 G0,75	Lapp 1119110	10 G0,75	9,6	72.0	150
ÖLFLEX CLASSIC 110 12 G0,75	Lapp 1119112	12 G0,75	9,9	86.0	171
ÖLFLEX CLASSIC 110 12 X0,75	Lapp 1119812	12 X0,75	9,9	86.0	171
ÖLFLEX CLASSIC 110 15 G0,75	Lapp 1119115	15 G0,75	10,9	108.0	209
ÖLFLEX CLASSIC 110 15 X0,75	Lapp 1119117	15 X0,75	10,9	108.0	209
ÖLFLEX CLASSIC 110 16 G0,75	Lapp 1119116	16 G0,75	11,1	115.2	220
ÖLFLEX CLASSIC 110 18 G0,75	Lapp 1119118	18 G0,75	11,7	130.0	244
ÖLFLEX CLASSIC 110 21 G0,75	Lapp 1119121	21 G0,75	13.0	151.0	286
ÖLFLEX CLASSIC 110 25 G0,75	Lapp 1119125	25 G0,75	13,8	180.0	337
ÖLFLEX CLASSIC 110 26 G0,75	Lapp 1119126	26 G0,75	14,2	187.2	350
ÖLFLEX CLASSIC 110 34 G0,75	Lapp 1119134	34 G0,75	15,9	245.0	448
ÖLFLEX CLASSIC 110 41 G0,75	Lapp 1119141	41 G0,75	17,4	296.0	538
ÖLFLEX CLASSIC 110 50 G0,75	Lapp 1119150	50 G0,75	19,2	360.0	648
ÖLFLEX CLASSIC 110 51 G0,75	Lapp 1119151	51 G0,75	19,2	367.0	646
ÖLFLEX CLASSIC 110 61 G0,75	Lapp 1119161	61 G0,75	20,5	439.0	779
ÖLFLEX CLASSIC 110 65 G0,75	Lapp 1119165	65 G0,75	21,8	468.0	832
ÖLFLEX CLASSIC 110 80 G0,75	Lapp 1119180	80 G0,75	23,6	576.0	1019

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ÖLFLEX CLASSIC 110 100 G0,75	Lapp 1119200	100 G0,75	26,4	718.0	1271
ÖLFLEX CLASSIC 110 2 X1,0	Lapp 1119852	2 X1,0	5,7	19.2	53
ÖLFLEX CLASSIC 110 3 G1,0	Lapp 1119203	3 G1,0	6.0	28.8	65
ÖLFLEX CLASSIC 110 3 X1,0	Lapp 1119853	3 X1,0	6.0	28.8	65
ÖLFLEX CLASSIC 110 4 G1,0	Lapp 1119204	4 G1,0	6,5	38.4	79
ÖLFLEX CLASSIC 110 4 X1,0	Lapp 1119854	4 X1,0	6,5	38.4	79
ÖLFLEX CLASSIC 110 5 G1,0	Lapp 1119205	5 G1,0	7,1	48.0	94
ÖLFLEX CLASSIC 110 5 X1,0	Lapp 1119855	5 X1,0	7,1	48.0	94
ÖLFLEX CLASSIC 110 6 G1,0	Lapp 1119206	6 G1,0	8.0	58.0	113
ÖLFLEX CLASSIC 110 7 G1,0	Lapp 1119207	7 G1,0	8.0	67.0	126
ÖLFLEX CLASSIC 110 7 X1,0	Lapp 1119857	7 X1,0	8.0	67.0	126
ÖLFLEX CLASSIC 110 8 G1,0	Lapp 1119208	8 G1,0	9,5	77.0	149
ÖLFLEX CLASSIC 110 9 G1,0	Lapp 1119209	9 G1,0	10.0	86.0	164
ÖLFLEX CLASSIC 110 10 G1,0	Lapp 1119210	10 G1,0	10,2	96.0	180
ÖLFLEX CLASSIC 110 12 G1,0	Lapp 1119212	12 G1,0	10,5	115.0	205
ÖLFLEX CLASSIC 110 12 X1,0	Lapp 1119862	12 X1,0	10,5	115.0	205
ÖLFLEX CLASSIC 110 14 G1,0	Lapp 1119214	14 G1,0	11,2	134.0	238
ÖLFLEX CLASSIC 110 16 G1,0	Lapp 1119216	16 G1,0	11,8	153.6	266
ÖLFLEX CLASSIC 110 18 G1,0	Lapp 1119218	18 G1,0	12,7	173.0	320
ÖLFLEX CLASSIC 110 18 X1,0	Lapp 1119868	18 X1,0	12,7	173.0	320
ÖLFLEX CLASSIC 110 20 G1,0	Lapp 1119220	20 G1,0	13,4	192.0	330
ÖLFLEX CLASSIC 110 20 X1,0	Lapp 1119870	20 X1,0	13,4	192.0	330
ÖLFLEX CLASSIC 110 25 G1,0	Lapp 1119225	25 G1,0	14,7	240.0	408
ÖLFLEX CLASSIC 110 26 G1,0	Lapp 1119226	26 G1,0	15,1	249.0	424
ÖLFLEX CLASSIC 110 34 G1,0	Lapp 1119234	34 G1,0	17,1	326.0	551
ÖLFLEX CLASSIC 110 36 G1,0	Lapp 1119236	36 G1,0	17,4	346.0	578

DATASHEET FOR ÖLFLEX CLASSIC 110 4 G35\_ by

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Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX CLASSIC 110 41 G1,0	Lapp 1119241	41 G1,0	18,8	394.0	661
ÖLFLEX CLASSIC 110 50 G1,0	Lapp 1119250	50 G1,0	20,6	480.0	797
ÖLFLEX CLASSIC 110 56 G1,0	Lapp 1119256	56 G1,0	21,4	538.0	888
ÖLFLEX CLASSIC 110 61 G1,0	Lapp 1119261	61 G1,0	22,1	586.0	958
ÖLFLEX CLASSIC 110 65 G1,0	Lapp 1119265	65 G1,0	23,6	624.0	1033
ÖLFLEX CLASSIC 110 80 G1,0	Lapp 1119280	80 G1,0	25,3	768.0	1251
ÖLFLEX CLASSIC 110 100 G1,0	Lapp 1119300	100 G1,0	28,3	960.0	1560
ÖLFLEX CLASSIC 110 2 X1,5	Lapp 1119902	2 X1,5	6,3	29.0	68
ÖLFLEX CLASSIC 110 3 G1,5	Lapp 1119303	3 G1,5	6,7	43.0	84
ÖLFLEX CLASSIC 110 3 X1,5	Lapp 1119903	3 X1,5	6,7	43.0	84
ÖLFLEX CLASSIC 110 4 G1,5	Lapp 1119304	4 G1,5	7,2	58.0	104
ÖLFLEX CLASSIC 110 4 X1,5	Lapp 1119904	4 X1,5	7,2	58.0	104
ÖLFLEX CLASSIC 110 5 G1,5	Lapp 1119305	5 G1,5	8,1	72.0	128
ÖLFLEX CLASSIC 110 5 X1,5	Lapp 1119905	5 X1,5	8,1	72.0	128
ÖLFLEX CLASSIC 110 6 G1,5	Lapp 1119306	6 G1,5	8,4	86.4	157
ÖLFLEX CLASSIC 110 7 G1,5	Lapp 1119307	7 G1,5	8,9	101.0	166
ÖLFLEX CLASSIC 110 7 X1,5	Lapp 1119907	7 X1,5	8,9	101.0	166
ÖLFLEX CLASSIC 110 8 G1,5	Lapp 1119308	8 G1,5	10,6	115.0	210
ÖLFLEX CLASSIC 110 8 X1,5	Lapp 1119313	8 X1,5	10,6	116.0	210
ÖLFLEX CLASSIC 110 9 G1,5	Lapp 1119309	9 G1,5	11,4	130.0	221
ÖLFLEX CLASSIC 110 10 G1,5	Lapp 1119310	10 G1,5	11,6	143.0	243
ÖLFLEX CLASSIC 110 11 G1,5	Lapp 1119311	11 G1,5	11,6	158.0	258
ÖLFLEX CLASSIC 110 12 G1,5	Lapp 1119312	12 G1,5	12,0	173.0	279
ÖLFLEX CLASSIC 110 12 X1,5	Lapp 1119912	12 X1,5	12,0	173.0	279
ÖLFLEX CLASSIC 110 14 G1,5	Lapp 1119314	14 G1,5	12,7	202.0	323
ÖLFLEX CLASSIC 110 16 G1,5	Lapp 1119316	16 G1,5	13,4	230.4	361

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ÖLFLEX CLASSIC 110 18 G1,5	Lapp 1119318	18 G1,5	14,4	259.0	407
ÖLFLEX CLASSIC 110 21 G1,5	Lapp 1119321	21 G1,5	15,7	302.0	469
ÖLFLEX CLASSIC 110 25 G1,5	Lapp 1119325	25 G1,5	16,9	360.0	560
ÖLFLEX CLASSIC 110 26 G1,5	Lapp 1119326	26 G1,5	17,3	374.4	582
ÖLFLEX CLASSIC 110 32 G1,5	Lapp 1119332	32 G1,5	18,7	461.0	704
ÖLFLEX CLASSIC 110 34 G1,5	Lapp 1119334	34 G1,5	19,4	490.0	746
ÖLFLEX CLASSIC 110 41 G1,5	Lapp 1119341	41 G1,5	21,3	591.0	895
ÖLFLEX CLASSIC 110 50 G1,5	Lapp 1119350	50 G1,5	23,5	720.0	1089
ÖLFLEX CLASSIC 110 61 G1,5	Lapp 1119361	61 G1,5	25,2	878.0	1309
ÖLFLEX CLASSIC 110 65 G1,5	Lapp 1119365	65 G1,5	26,7	936.0	1398
ÖLFLEX CLASSIC 110 2 X2,5	Lapp 1119952	2 X2,5	7,5	48.0	101
ÖLFLEX CLASSIC 110 3 G2,5	Lapp 1119403	3 G2,5	8,1	72.0	132
ÖLFLEX CLASSIC 110 4 G2,5	Lapp 1119404	4 G2,5	8,9	96.0	163
ÖLFLEX CLASSIC 110 5 G2,5	Lapp 1119405	5 G2,5	10,0	120.0	200
ÖLFLEX CLASSIC 110 7 G2,5	Lapp 1119407	7 G2,5	11,1	168.0	267
ÖLFLEX CLASSIC 110 12 G2,5	Lapp 1119412	12 G2,5	14,8	288.0	445
ÖLFLEX CLASSIC 110 14 G2,5	Lapp 1119414	14 G2,5	15,8	336.0	515
ÖLFLEX CLASSIC 110 18 G2,5	Lapp 1119418	18 G2,5	17,8	432.0	648
ÖLFLEX CLASSIC 110 25 G2,5	Lapp 1119425	25 G2,5	20,8	600.0	890
ÖLFLEX CLASSIC 110 34 G2,5	Lapp 1119434	34 G2,5	24,4	816.0	1208
ÖLFLEX CLASSIC 110 50 G2,5	Lapp 1119450	50 G2,5	29,4	1200.0	1754
ÖLFLEX CLASSIC 110 3 G4	Lapp 1119503	3 G4	9,9	115.0	201
ÖLFLEX CLASSIC 110 4 G4	Lapp 1119504	4 G4	10,8	154.0	249
ÖLFLEX CLASSIC 110 5 G4	Lapp 1119505	5 G4	12,1	192.0	294
ÖLFLEX CLASSIC 110 7 G4	Lapp 1119507	7 G4	13,4	269.0	407
ÖLFLEX CLASSIC 110 11 G4	Lapp 1119511	11 G4	17,6	422.0	634

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ÖLFLEX CLASSIC 110 12 G4	Lapp 1119512	12 G4	18,1	461.0	660
ÖLFLEX CLASSIC 110 3 G6	Lapp 1119603	3 G6	11,7	172.8	289
ÖLFLEX CLASSIC 110 4 G6	Lapp 1119604	4 G6	13,0	230.0	365
ÖLFLEX CLASSIC 110 5 G6	Lapp 1119605	5 G6	14,5	288.0	447
ÖLFLEX CLASSIC 110 7 G6	Lapp 1119607	7 G6	16,0	403.0	600
ÖLFLEX CLASSIC 110 3 G10	Lapp 1119613	3 G10	14,6	288.0	466
ÖLFLEX CLASSIC 110 4 G10	Lapp 1119614	4 G10	16,2	384.0	590
ÖLFLEX CLASSIC 110 5 G10	Lapp 1119615	5 G10	18,1	480.0	722
ÖLFLEX CLASSIC 110 7 G10	Lapp 1119617	7 G10	20,0	672.0	968
ÖLFLEX CLASSIC 110 4 G16	Lapp 1119624	4 G16	18,8	614.0	1087
ÖLFLEX CLASSIC 110 5 G16	Lapp 1119625	5 G16	21,2	768.0	1370
ÖLFLEX CLASSIC 110 7 G16	Lapp 1119627	7 G16	23,4	1075.0	1779
ÖLFLEX CLASSIC 110 4 G25	Lapp 1119634	4 G25	23,5	960.0	1582
ÖLFLEX CLASSIC 110 5 G25	Lapp 1119635	5 G25	26,4	1200.0	1998
ÖLFLEX CLASSIC 110 7 G25	Lapp 1119636	7 G25	29,1	1680.0	2825
ÖLFLEX CLASSIC 110 4 G35	Lapp 1119644	4 G35	26,4	1344.0	2106
ÖLFLEX CLASSIC 110 5 G35	Lapp 1119645	5 G35	29,6	1680.0	2635