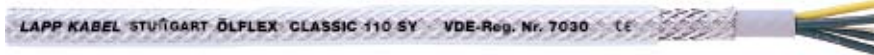


**ÖLFLEX® CLASSIC 110 SY**



**Info**

- With steel wire braid
- VDE Reg. No. 7030

**Benefits**

- Additional mechanical protection due to steel wire braid
- High electrical performance due to 4kV test voltage

**Application range**

- Plant engineering and construction  
Industrial machinery  
Air conditioning installations
- Areas with increased mechanical stress requirements
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

**Product features**

- Flame retardant according to IEC 60332-1-2
- Good chemical resistance  
see Appendix T1

**Approvals (Norm references)**



**Design**

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

**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**  
U<sub>0</sub>/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

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
<b>ÖLFLEX® CLASSIC 110 SY</b>				
1125752	2 X 0.5	7.8	10.0	87
1125003	3 G 0.5	8.1	15.0	95
1125004	4 G 0.5	8.5	19.2	107
1125005	5 G 0.5	9.2	24.0	123
1125007	7 G 0.5	9.7	33.6	147
1125010	10 G 0.5	11.6	48.0	196
1125012	12 G 0.5	11.9	58.0	213
1125014	14 G 0.5	12.5	67.0	237
1125018	18 G 0.5	13.9	86.4	291
1125021	21 G 0.5	14.9	101.0	332
1125025	25 G 0.5	15.6	120.0	375
1125030	30 G 0.5	16.5	144.0	422
1125040	40 G 0.5	18.8	192.0	545
1125061	61 G 0.5	21.9	293.0	773
1125802	2 X 0.75	8.2	14.4	97
1125103	3 G 0.75	8.5	21.6	108
1125104	4 G 0.75	9.2	28.8	126
1125105	5 G 0.75	9.7	36.0	146
1125107	7 G 0.75	10.3	50.0	172
1125109	9 G 0.75	12.4	65.0	224
1125112	12 G 0.75	12.9	86.0	260
1125115	15 G 0.75	14.1	108.0	315
1125118	18 G 0.75	14.9	130.0	355
1125125	25 G 0.75	17.0	180.0	465
1125134	34 G 0.75	19.3	245.0	596
1125150	50 G 0.75	22.8	360.0	832
1125852	2 X 1	8.5	19.2	106
1125203	3 G 1	8.8	28.8	119
1125204	4 G 1	9.5	38.4	141
1125205	5 G 1	10.1	48.0	164
1125207	7 G 1	11.0	67.0	200
1125208	8 G 1	12.5	77.0	234
1125209	9 G 1	13.2	86.0	260
1125212	12 G 1	13.9	115.0	309
1125214	14 G 1	14.4	134.0	345
1125218	18 G 1	15.9	173.0	415
1125220	20 G 1	16.8	192.0	455
1125225	25 G 1	18.1	240.0	548

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
1125234	34 G 1	20.5	326.0	714
1125241	41 G 1	22.2	394.0	832
1125250	50 G 1	24.2	480.0	987
1125265	65 G 1	27.2	624.0	1,250
1125902	2 X 1.5	9.3	29.0	128
1125303	3 G 1.5	9.7	43.0	151
1125304	4 G 1.5	10.2	58.0	173
1125305	5 G 1.5	11.1	72.0	202
1125307	7 G 1.5	11.9	101.0	248
1125308	8 G 1.5	14.0	115.0	301
1125312	12 G 1.5	15.4	173.0	396
1125314	14 G 1.5	15.9	202.0	438
1125318	18 G 1.5	17.6	259.0	538
1125325	25 G 1.5	20.3	360.0	713
1125332	32 G 1.5	22.1	461.0	876
1125341	41 G 1.5	24.9	591.0	1,101
1125350	50 G 1.5	27.1	720.0	1,305
1125403	3 G 2.5	11.1	72.0	206
1125404	4 G 2.5	12.1	96.0	249
1125405	5 G 2.5	13.2	120.0	295
1125407	7 G 2.5	14.3	168.0	373
1125412	12 G 2.5	18.2	288.0	586
1125418	18 G 2.5	21.4	432.0	823
1125425	25 G 2.5	24.4	600.0	1,093
1125503	3 G 4	12.7	115.0	285
1125504	4 G 4	14.0	154.0	348
1125505	5 G 4	15.1	192.0	410
1125507	7 G 4	16.4	269.0	519
1125604	4 G 6	16.2	230.0	482
1125605	5 G 6	17.7	288.0	579
1125607	7 G 6	19.2	403.0	740
1125614	4 G 10	19.4	384.0	731
1125615	5 G 10	21.5	480.0	889
1125617	7 G 10	23.4	672.0	1,146
1125624	4 G 16	22.4	614.0	1,384
1125625	5 G 16	24.6	768.0	1,740
1125626	4 G 25	28.9	960.0	1,680
1125630	5 G 25	31.8	1,200.0	2,050
1125629	4 G 35	32.2	1,344.0	2,170

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](http://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)

**Comparable products**

- ÖLFLEX® CLASSIC 100 SY see page 26

**Accessories**

- SKINTOP® MS-M see page 650