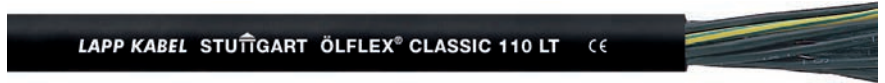




# ÖLFLEX® CLASSIC 110 LT

Cold flexible PVC control cable, suitable for low temperatures as well as outdoor use



**Info**

- CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)
- UV and weather-resistant according to ISO 4892-2

### Benefits

- Inexpensive control cable for flexing outdoor use
- Space-saving installation due to small cable diameters
- High electrical performance due to 4 kV test voltage

### Application range

- Plant engineering
- Industrial machinery
- Heating and air-conditioning systems
- Freezing plants, cold storage
- Suitable for outdoor applications
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

### Product features

- Flame-retardant according IEC 60332-1-2
- Flexible down to -30°C
- UV and weather-resistant according to ISO 4892-2
- Ozone-resistant according to EN 50396

### Norm references / Approvals

- Based on EN 50525-2-51

### Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC, cold-resistant
- Cores twisted in layers
- Outer sheath: PVC, cold-resistant, black

### Technical data

**Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000104  
ETIM 5.0/6.0 Class-Description: Control cable

**Core identification code**  
Black with white numbers acc. to VDE 0293-1

**Conductor stranding**  
Fine wire according to VDE 0295, class 5/IEC 60228 class 5

**Torsion movement in WTG**  
TW-0 & TW-2, refer to Appendix T0

**Minimum bending radius**  
Occasional flexing: 15 x outer diameter  
Fixed installation: 4 x outer diameter

**Nominal voltage**  
U0/U: 300/500 V

**Test voltage**  
4000 V

**Protective conductor**  
G = with GN-YE protective conductor  
X = without protective conductor

**Temperature range**  
Occasional flexing: -30°C to +70°C  
Fixed installation: -40°C to +80°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® CLASSIC 110 LT</b>				
1120730	2 X0,75	5.4	14.4	45
1120731	3 X0,75	5.7	21.6	55
1120732	3 G0,75	5.7	21.6	55
1120733	4 X0,75	6.2	28.8	66
1120734	4 G0,75	6.2	28.8	66
1120735	5 G0,75	6.7	36	79
1120736	7 G0,75	7.3	50.4	101
1120737	12 G0,75	9.9	86.4	171
1120738	18 G0,75	11.7	130	244
1120739	25 G0,75	13.8	180	337
1120740	2 X1,0	5.7	19.2	53
1120741	3 X1,0	6.0	28.8	65
1120742	3 G1,0	6.0	28.8	65
1120743	4 X1,0	6.5	38.4	79
1120744	4 G1,0	6.5	38.4	79
1120745	5 G1,0	7.1	48	94
1120746	7 G1,0	8.0	67.2	126
1120747	12 G1,0	10.5	115	205
1120748	18 G1,0	12.7	173	300
1120749	25 G1,0	14.7	240	408
1120750	2 X1,5	6.3	29	68
1120751	3 X1,5	6.7	43	84

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1120752	3 G1,5	6.7	43	84
1120753	4 X1,5	7.2	58	104
1120754	4 G1,5	7.2	58	104
1120755	5 X1,5	8.1	72	128
1120756	5 G1,5	8.1	72	128
1120757	7 X1,5	8.9	101	166
1120758	7 G1,5	8.9	101	166
1120759	12 G1,5	12.0	173	279
1120760	18 G1,5	14.4	259	407
1120761	25 G1,5	16.9	360	560
1120762	2 X2,5	7.5	48	101
1120763	3 G2,5	8.1	72	132
1120764	4 G2,5	8.9	96	163
1120765	5 G2,5	10.0	120	200
1120766	7 G2,5	11.1	168	267
1120767	12 G2,5	14.8	288	445
1120768	18 G2,5	17.8	432	648
1120769	25 G2,5	20.8	600	890
1120770	4 G4	10.8	154	249
1120771	5 G4	12.1	192	305
1120772	4 G6	13.0	230	365
1120773	5 G6	14.5	288	447

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum  
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).  
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

### Similar products

- ÖLFLEX® CLASSIC 110 H refer to page 61
- ÖLFLEX® ROBUST 210 refer to page 71

### Accessories

- FLEXIMARK® Stainless steel kit refer to page 963
- SKINTOP® MS-M refer to page 696
- SKINTOP® BS-M METAL / SKINTOP® BSR-M METAL refer to page 698