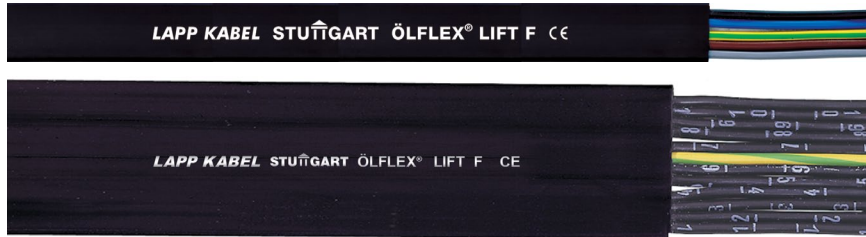




ÖLFLEX® LIFT F

Flexible at cold temperatures, PVC flat cables



Info

- For cable trolley application
- Space-saving installation
- Also suitable for power chains and lift applications

Benefits

- Flat cables need less space than round cables
- Smaller bending radii is possible

Application range

- For hoisting equipment and conveyor systems
- Indoor cranes and high-rack facilities
- As supply line for moving machine parts
- According to VDE definition, this can also be used as a lift control cable with up to 35 m suspension length, and a maximum speed of travel at 1.6 m/s
- The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3

Product features

- Flame-retardant according IEC 60332-1-2

Norm references / Approvals

- Based on EN 50214/ VDE 0283-2 (H05VVH6-F or H07VVH6-F)
- Meets the requirements of the harmonised PVC flat cable H07VVH6-F

Product make-up

- Strands of bare copper wires
- Core insulation: Based on PVC
- PVC-based outer sheath

Technical data

Classification
 ETIM 5.0 Class-ID: EC000825
 ETIM 5.0 Class-Description: Flat cable

Core identification code
 Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9
 From 6 cores: black with white numbers

Specific insulation resistance
 > 20 GOhm x cm

Conductor stranding
 U0/U 300/500 V versions, fine wire according to VDE 0295 Class 5 or IEC 60228 Cl. 5
 U0/U 450/750 V versions, extra-fine wire according to VDE 0295 Class 6 or IEC 60228 Cl. 6 (from nominal conductor cross section 10 mm²: finely stranded/ class 5)

Minimum bending radius
 Flexible use: 10 x cable thickness

Nominal voltage
 Up to 1.0 mm²: U₀/U: 300/500 V
 From 1.5 mm²: U₀/U: 450/750 V

Test voltage
 3000 V

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

Temperature range
 Flexible use:
 0 °C to +70 °C (up to 1.0 mm²)
 -15 °C to +70 °C (as from 1.5 mm²)

Article number	Number of cores and mm² per conductor	Outer dimensions, width x height (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® LIFT F				
Nominal voltage U₀/U: 300/500 V, temperature range: 0°C to +70°C				
0042020	12 G 1.0	36.0 x 4.7	115.0	392
0042021	16 G 1.0	48.5 x 4.7	153.6	521
0042022	20 G 1.0	59.0 x 4.7	192.0	645
0042023	24 G 1.0	71.5 x 4.7	230.0	772
Nominal voltage U₀/U: 450/750 V, temperature range: -15°C to +70°C				
00420013	4 G 1.5	15.5 x 5.2	57.6	132
00420023	5 G 1.5	19.7 x 5.2	72.0	170
0042003	7 G 1.5	27.0 x 5.2	100.8	236
0042004	8 G 1.5	29.0 x 5.2	115.0	266
0042005	10 G 1.5	36.5 x 5.2	144.0	333
0042006	12 G 1.5	42.0 x 5.2	172.8	422
00420073	4 G 2.5	19.0 x 5.9	96.0	206
00420083	5 G 2.5	24.0 x 5.9	120.0	257
0042009	7 G 2.5	32.5 x 5.9	168.0	345
0042010	8 G 2.5	35.0 x 5.9	192.0	390
0042050	12 G 2.5	52.5 x 5.9	288.0	580
00420113	4 G 4	21.0 x 6.8	153.6	343
0042012	7 G 4	38.0 x 6.8	268.8	589
00420133	4 G 6	24.0 x 7.3	230.0	425
00420143	4 G 10	30.5 x 9.5	384.0	709
00420153	4 G 16	35.0 x 10.8	614.0	1015
00420163	4 G 25	42.0 x 13.0	960.0	1366

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100kg. 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
 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 are not to scale and do not represent detailed images of the respective products.

Similar products

- ÖLFLEX® CRANE F refer to page 160

Accessories

- Cable trolley systems refer to page 971
- Flat cable wedge clamps

ÖLFLEX®
 UNITRONIC®
 ETHERLINE®
 HITRONIC®
 EPIC®
 SKINTOP®
 SILVYN®
 FLEXIMARK®
 ACCESSORIES
 APPENDIX