

## ÖLFLEX® LIFT F

Flexible at cold temperatures, PVC flat cables

ÖLFLEX® LIFT F - Flat PVC control cable for conveyour technology/lift applications,  $U_0/U$ : 300/500V, H07VVH6-F / H05VVH6-F based

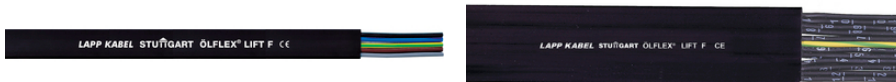
### Info

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

### Product Make-up

Conductor made of bare copper wires

Core insulation: Based on PVC

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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## ÖLFLEX® LIFT F

Outer sheath: Based on PVC

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000825 ETIM 5.0 Class-Description: Flat cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000825 ETIM 6.0 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
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 mm <sup>2</sup> : finely stranded/ class 5)
Minimum bending radius:	Flexible use: 10 x cable thickness
Nominal voltage:	Up to 1.0 mm <sup>2</sup> : U0/U: 300/500 V From 1.5 mm <sup>2</sup> : 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 mm <sup>2</sup> ) -15 °C to +70 °C (as from 1.5 mm <sup>2</sup> )

### Note

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.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® LIFT F**

Article number	Number of cores and mm <sup>2</sup> 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	12.0 G 1.0	36 x 4.7	115	392
0042021	16.0 G 1.0	48.5 x 4.7	153.6	521
0042022	20.0 G 1.0	59 x 4.7	192	645
0042023	24.0 G 1.0	71.5 x 4.7	230	772
Nominal voltage U0/U: 450/750 V, temperature range: -15°C to +70°C				
00420013	4.0 G 1.5	15.5 x 5.2	57.6	132
00420023	5.0 G 1.5	19.7 x 5.2	72	170
0042003	7.0 G 1.5	27 x 5.2	100.8	236
0042004	8.0 G 1.5	29 x 5.2	115	266
0042005	10.0 G 1.5	36.5 x 5.2	144	333
0042006	12.0 G 1.5	42 x 5.2	172.8	422
00420073	4.0 G 2.5	19 x 5.9	96	206
00420083	5.0 G 2.5	24 x 5.9	120	257
0042009	7.0 G 2.5	32.5 x 5.9	168	345
0042010	8.0 G 2.5	35 x 5.9	192	390
0042050	12.0 G 2.5	52.5 x 5.9	288	580
00420113	4.0 G 4.0	21 x 6.8	153.6	343
0042012	7.0 G 4.0	38 x 6.8	268.8	589
00420133	4.0 G 6.0	24 x 7.3	230	425
00420143	4.0 G 10.0	30.5 x 9.5	384	709
00420153	4.0 G 16.0	35 x 10.8	614	1015
00420163	4.0 G 25.0	42 x 13	960	1366

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