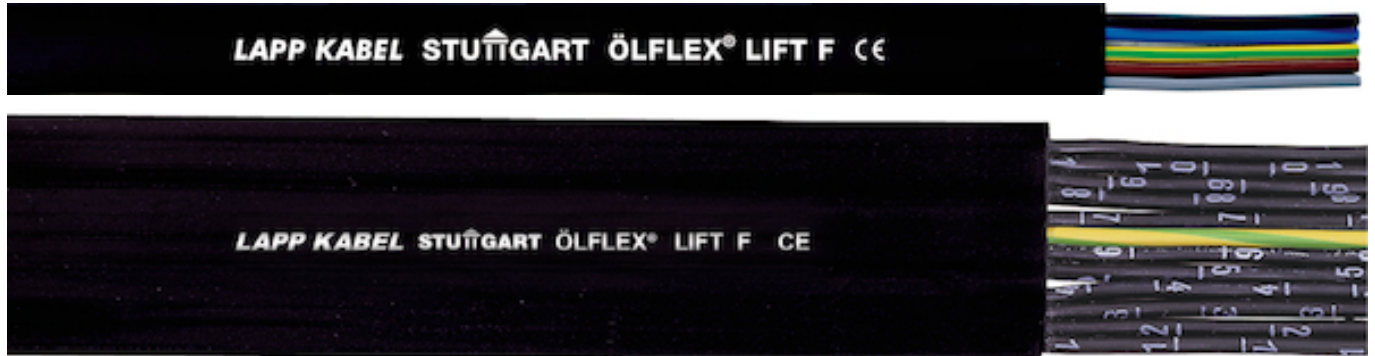


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® LIFT F	12.09.2012

Flexible at cold temperatures, PVC flat cables
Flat cables need less space than round cables
Smaller bending radii is possible



Info

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

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(R) LIFT cables can be found in the appendix, selection table A3

Design

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

Approvals (Norm references)

Meets the requirements of the harmonised PVC flat cable H07VVH6-F

Product features

Flame-retardant according to IEC 60332-1-2

Remark

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 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.

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U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® LIFT F	12.09.2012

Technical Data

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
Based on:	EN 50214/VDE 0283-2 (H05VVH6-F or H07VVH6-F)
Specific insulation resistance:	> 20 GOhm x cm
Conductor stranding:	U ₀ /U 300/500 V versions, fine wire according to VDE 0295 Class 5 or IEC 60228 Cl. 5 U ₀ /U 450/750 V versions, extra-fine wire according to VDE 0295 Class 6 or IEC 60228 Cl. 6
Minimum bending radius:	Flexible use: 10 x cable thickness
Nominal voltage:	Up to 1.0 mm ² : U ₀ /U: 300/500 V From 1.5 mm ² : U ₀ /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 ²) -15 °C to +70 °C (as from 1.5 mm ²)

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Part number	Number of cores and mm ² per conductor	Outer dimensions/ width x height (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® LIFT F Nominal voltage U ₀ /U: 300/500 V, temperature range: 0 °C to +70 °C				
0042020	12 G 1,0	36 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 x 4,7	192.0	645
0042023	24 G 1,0	71,5 x 4,7	230.0	772
Nominal voltage U ₀ /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 x 5,2	100.8	236
0042004	8 G 1,5	29 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 x 5,2	172.8	422
00420073	4 G 2,5	19 x 5,9	96.0	206
00420083	5 G 2,5	24 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 x 5,9	192.0	390
0042050	12 G 2,5	52,5 x 5,9	288.0	580
00420113	4 G 4	21 x 6,8	153.6	343
0042012	7 G 4	38 x 6,8	268.8	589
00420133	4 G 6	24 x 7,3	230.0	425
00420143	4 G 10	30,5 x 9,5	384.0	709
00420153	4 G 16	35 x 10,8	614.0	1015
00420163	4 G 25	42 x 13	960.0	1366