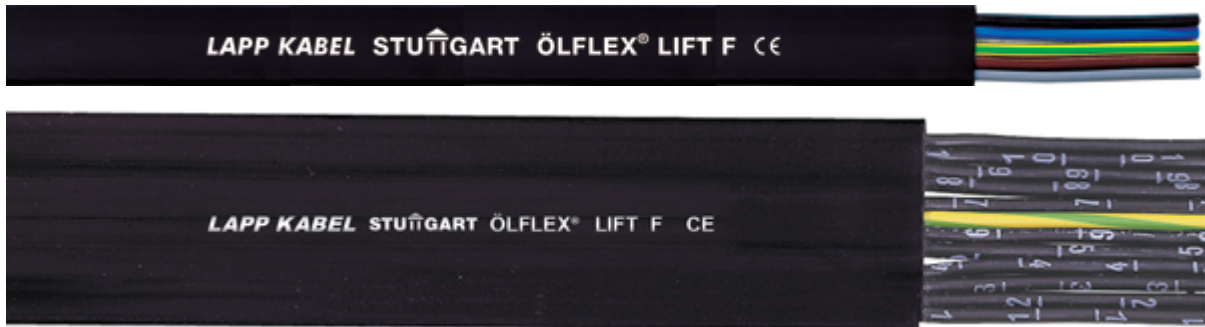


Cold flexible PVC flat cables

Product Description

Flat cables need less space than round cables; Compared with round cables considerably smaller bending radii are possible



Application range

- In conveyor and hoist equipments as well as transport installations
- Indoor cranes and high rack facilities
- As supply line for moving machine parts
- According to VDE definition can also be used as elevator control cable up to 35 m suspension length with a maximum travelspeed of 1.6 m/sec

Benefits

- Flat cables need less space than round cables
- Compared with round cables considerably smaller bending radii are possible

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

Technical Data

Core identification code

Up to 5 cores: colour coded according VDE 0293-308, see Appendix T9

Starting at 6 cores: Black with white numbers

Based on

VDE 0283-2 (H05VVH6-F resp. H07VVH6-F)

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Versions U0/U 300/500 V, fine wired according VDE 0295 class 5 or IEC 60228 Cl. 5

Versions U0/U 450/750 V, extra fine wire according VDE 0295 class 6 or IEC 60228 Cl. 6

Minimum bending radius

Flexible use: 10 x cable thickness

Rated 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 protective conductor GN/YE

X = without protective conductor

Range of temperature

Flexible use: 0 °C up to +70 °C (up to 1.0 mm²) -15 °C up to +70 °C (from 1,5 mm²)

Article List

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 Rated voltage U0/U: 300/500 V, Temperature range: 0°C to +70°C				
0042020	12 G 1,0	35 x 4,3	115.0	392
0042021	16 G 1,0	46 x 4,3	154.0	521
0042022	20 G 1,0	57 x 4,3	192.0	645
0042023	24 G 1,0	68 x 4,3	230.0	772
Rated voltage U0/U: 450/750 V, Temperature range: -15°C to +70°C				
00420013	4 G 1,5	15 x 5	58.0	132
00420023	5 G 1,5	19 x 5	72.0	170
0042003	7 G 1,5	26,5 x 5	101.0	236
0042004	8 G 1,5	28,5 x 5	115.0	266

0042005	10 G 1,5	35,5 x 5	144.0	333
0042006	12 G 1,5	41,5 x 5	173.0	422
00420073	4 G 2,5	18,4 x 5,7	96.0	206
00420083	5 G 2,5	23,4 x 5,7	120.0	257
0042009	7 G 2,5	32 x 5,7	168.0	345
0042010	8 G 2,5	34,5 x 5,7	192.0	390
0042050	12 G 2,5	51,5 x 5,7	288.0	580
00420113	4 G 4	20,4 x 6,6	154.0	343
0042012	7 G 4	36,6 x 6,6	269.0	589
00420133	4 G 6	23,2 x 7,3	230.0	425
00420143	4 G 10	28 x 9	384.0	709
00420153	4 G 16	34 x 10,5	614.0	1015
00420163	4 G 25	42 x 12,7	960.0	1366

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

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

Packaging size: Coil \leq 30 kg and \leq 250 m, otherwise drum

Please specify the desired packaging size (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.