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

Last Update (23.04.2024)

Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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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^2: finely stranded/ class 5)
Minimum bending radius:	Flexible use: 10 x cable thickness
Nominal voltage:	Up to 1.0 mm^2: U0/U: 300/500 V From 1.5 mm^2: 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^2) -15 °C to +70 °C (as from 1.5 mm^2)

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
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.

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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	12.0 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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