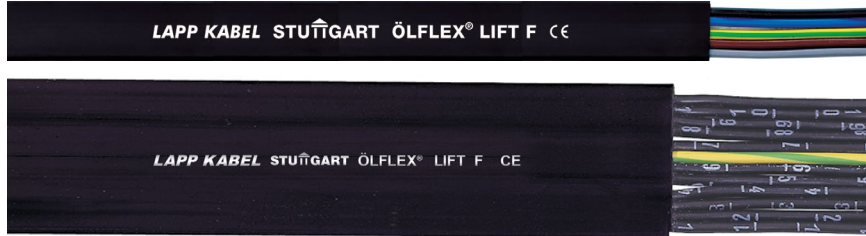




ÖLFLEX® LIFT F

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 mm ² 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