

# 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 (18.11.2021)

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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.

PN 0456 / 02\_03.16

# ÖLFLEX® LIFT F

Outer sheath: Based on PVC

## Technical Data

|                           |                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification ETIM 5:    | ETIM 5.0 Class-ID: EC000825<br>ETIM 5.0 Class-Description: Flat cable                                                                                                                                                                                                 |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC000825<br>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<br>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<br>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<br>From 1.5 mm <sup>2</sup> : U0/U: 450/750 V                                                                                                                                                                             |
| Test voltage:             | 3000 V                                                                                                                                                                                                                                                                |
| Protective conductor:     | G = with GN-YE protective conductor<br>X = without protective conductor                                                                                                                                                                                               |
| Temperature range:        | Flexible use:<br>0 °C to +70 °C (up to 1.0 mm <sup>2</sup> )<br>-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           |