

## ÖLFLEX® CRANE F

Weather-resistant flat rubber cables

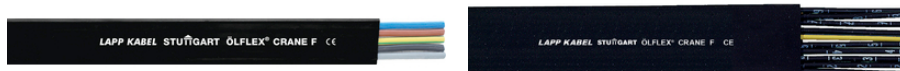
ÖLFLEX® CRANE F - Flat cable for outdoor use and crane applications/conveyour technology. Power and control rubber cable, U<sub>0</sub>/U:300/500V

### Info

For outdoor cable trolley application

Space-saving installation

Also suitable for power chains and lift applications



Suitable for outdoor use



Cold-resistant



Oil-resistant



UV-resistant

### Benefits

Weather-resistant for harsh environmental conditions

Flat cables need less space than round cables

Smaller bending radii is possible

### Application range

As a lift control cable: max. 50 m suspension length

In crane systems on building sites and shipyards for fixed installation, or for flexible use in cable trolley systems

Sewage treatment plants, steelworks and high rack facilities

Last Update (21.12.2023)

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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.

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## ÖLFLEX® CRANE F

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 VDE 0250-809 (NGFLGÖU)

### Product Make-up

Conductors: Finely stranded bare copper

Core insulation: rubber compound

Outer sheath: special rubber compound

### 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:      | Copper conductor according to VDE 0295/IEC 60228<br>up to 25 mm <sup>2</sup> : extra-fine wire, class 6<br>from 35 mm <sup>2</sup> : fine wire, class 5 |
| Minimum bending radius:   | Flexible use: 10 x cable thickness<br>Fixed installation: 4 x cable thickness                                                                           |
| Nominal voltage:          | U0/U: 300/500 V                                                                                                                                         |
| Test voltage:             | 3000 V                                                                                                                                                  |
| Protective conductor:     | G = with GN-YE protective conductor<br>X = without protective conductor                                                                                 |
| Temperature range:        | Flexible use: -25 °C to +90 °C<br>Fixed installation: -40 °C to +90 °C                                                                                  |

### 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® CRANE 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® CRANE F |                                                   |                                       |                      |                |
| 0041041         | 4.0 G 1.5                                         | 17.5 x 6.2                            | 57.6                 | 200            |
| 0041042         | 5.0 G 1.5                                         | 21.5 x 6.2                            | 72                   | 240            |
| 0041043         | 7.0 G 1.5                                         | 29 x 6.2                              | 100.8                | 360            |
| 0041044         | 8.0 G 1.5                                         | 31.5 x 6.2                            | 115                  | 370            |
| 0041045         | 10.0 G 1.5                                        | 40 x 6.5                              | 144                  | 520            |
| 0041046         | 12.0 G 1.5                                        | 47 x 6.5                              | 172.8                | 620            |
| 0041047         | 4.0 G 2.5                                         | 21 x 7.5                              | 96                   | 280            |
| 0041048         | 5.0 G 2.5                                         | 27 x 7.5                              | 120                  | 400            |
| 0041049         | 7.0 G 2.5                                         | 35 x 7.5                              | 168                  | 520            |
| 0041050         | 8.0 G 2.5                                         | 39 x 7.5                              | 192                  | 550            |
| 0041051         | 12.0 G 2.5                                        | 56 x 8                                | 288                  | 800            |
| 0041052         | 4.0 G 4.0                                         | 26 x 9                                | 153.6                | 410            |
| 0041053         | 7.0 G 4.0                                         | 42 x 9                                | 268.8                | 700            |
| 0041054         | 4.0 G 6.0                                         | 29 x 9.5                              | 230                  | 600            |
| 0041056         | 7.0 G 6.0                                         | 42 x 9.5                              | 403                  | 850            |
| 0041057         | 4.0 G 10.0                                        | 33 x 11                               | 384                  | 800            |
| 0041059         | 4.0 G 16.0                                        | 38 x 13                               | 614                  | 1150           |
| 0041060         | 4.0 G 25.0                                        | 49.5 x 15                             | 960                  | 1700           |
| 0041061         | 4.0 G 35.0                                        | 55 x 17                               | 1344                 | 2360           |