Power and control cables
Conveyor technology - Flat cables

ÖLFLEX® CRANE F
Weather-resistant flat rubber cables

Benefits
- Weather-resistant for harsh environmental conditions
- Flat cables need less space than round cables
- Smaller bending radii is possible

Application range
- 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
- 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 (NFGLOGU)

Product Make-up
- Strands of bare or tinned-copper wires
- Core insulation: rubber compound
- Outer sheath: special rubber compound

Technical data
Classification
ETIM 5.0 Class-ID: EC0000825
ETIM 5.0 Class-Description: Flat cable

Core identification code
Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix 19
From 6 cores: black with white numbers

Conductor stranding
- Copper conductor according to VDE 0295/IEC 60228
- up to 25 mm²: extra-fine wire, class 6
- from 35 mm²: fine wire, class 5

Minimum bending radius
- Flexible use: 10 x cable thickness
- Fixed installation: 4 x cable thickness

Nominal voltage
U_/U: 300/500 V

Test voltage
3000 V

Protective conductor
G = with GNYE protective conductor
X = without protective conductor

Temperature range
Flexible use: -25°C to +90°C
Fixed installation: -40°C to +90°C

Article number | Number of cores and mm² per conductor | Outer dimensions, width x height (mm) | Copper index (kg/km) | Weight (kg/km)
--- | --- | --- | --- | ---
0041041 | 4 G 1.5 | 17.5 x 6.2 | 57.6 | 200
0041042 | 5 G 1.5 | 21.5 x 6.2 | 72 | 240
0041043 | 7 G 1.5 | 29.0 x 6.2 | 100.8 | 360
0041044 | 8 G 1.5 | 31.5 x 6.2 | 115 | 370
0041045 | 10 G 1.5 | 40.0 x 6.5 | 144 | 520
0041046 | 12 G 1.5 | 47.0 x 6.5 | 172.8 | 620
0041047 | 4 G 2.5 | 21.0 x 7.5 | 96 | 280
0041048 | 5 G 2.5 | 27.0 x 7.5 | 110 | 400
0041049 | 7 G 2.5 | 35.0 x 7.5 | 168 | 520
0041050 | 8 G 2.5 | 39.0 x 7.5 | 192 | 550
0041051 | 12 G 2.5 | 56.0 x 8.0 | 288 | 800

Article number | Number of cores and mm² per conductor | Outer dimensions, width x height (mm) | Copper index (kg/km) | Weight (kg/km)
--- | --- | --- | --- | ---
0041052 | 4 G 4 | 26.0 x 9.0 | 153.6 | 410
0041053 | 7 G 4 | 42.0 x 9.0 | 268.8 | 700
0041054 | 4 G 6 | 29.0 x 9.5 | 230 | 600
0041055 | 5 G 6 | 35.0 x 9.5 | 288 | 650
0041056 | 7 G 6 | 42.0 x 9.5 | 403 | 650
0041057 | 4 G 10 | 33.0 x 11.0 | 384 | 800
0041058 | 4 G 16 | 38.0 x 13.0 | 614 | 1150
0041060 | 4 G 25 | 49.5 x 15.0 | 980 | 1700
0041061 | 4 G 35 | 55.0 x 17.0 | 1344 | 3360
0041062 | 4 G 50 | 63.0 x 19.0 | 1920 | 3000
0041063 | 4 G 70 | 71.0 x 22.0 | 2688 | 4000

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 T.7 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standard-lengths

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® LIFT F refer to page 172

Info
- For outdoor cable trolley application
- Space-saving installation
- Also suitable for power chains and lift applications

Accessories
- Cable trolley systems
- Flat cable wedge clamps