



## ÖLFLEX® CRANE F

Weather-resistant flat rubber cables



**Info**

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

### 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
- 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

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

### Technical data

**Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000825  
ETIM 5.0/6.0 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**  
Copper conductor according to VDE 0295/IEC 60228  
up to 25 mm<sup>2</sup>: extra-fine wire, class 6  
from 35 mm<sup>2</sup>: fine wire, class 5

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

**Nominal voltage**  
U<sub>0</sub>/U: 300/500 V

**Test voltage**  
3000 V

**Protective conductor**  
G = with GN-YE 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 mm <sup>2</sup> per conductor	Outer dimensions, width x height (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® CRANE F</b>				
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	120	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 mm <sup>2</sup> per conductor	Outer dimensions, width x height (mm)	Copper index (kg/km)	Weight (kg/km)
0041052	4.0 G 4.0	26.0 x 9.0	153.6	410
0041053	7.0 G 4.0	42.0 x 9.0	268.8	700
0041054	4.0 G 6.0	29.0 x 9.5	230	600
0041055	5.0 G 6.0	35.0 x 9.5	288	650
0041056	7.0 G 6.0	42.0 x 9.5	403	850
0041057	4.0 G 10.0	33.0 x 11.0	384	800
0041059	4.0 G 16.0	38.0 x 13.0	614	1150
0041060	4.0 G 25.0	49.5 x 15.0	960	1700
0041061	4.0 G 35.0	55.0 x 17.0	1344	2360
0041062	4.0 G 50.0	63.0 x 19.0	1920	3000
0041063	4.0 G 70.0	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 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.

### Similar products

- ÖLFLEX® LIFT F refer to page 178

### Accessories

- Cable trolley systems
- Flat cable wedge clamps