



## 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

**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**  
> 10 GOhm x cm

**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

**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

- 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 (NGFLGÖU)

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

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	72.0	240
0041043	7 G 1.5	29.0 x 6.2	100.8	360
0041044	8 G 1.5	31.5 x 6.2	115.0	370
0041045	10 G 1.5	40.0 x 6.5	144.0	520
0041046	12 G 1.5	47.0 x 6.5	172.8	620
0041047	4 G 2.5	21.0 x 7.5	96.0	280
0041048	5 G 2.5	27.0 x 7.5	120.0	400
0041049	7 G 2.5	35.0 x 7.5	168.0	520
0041050	8 G 2.5	39.0 x 7.5	192.0	550
0041051	12 G 2.5	56.0 x 8.0	288.0	800
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	230.0	600
0041055	5 G 6	35.0 x 9.5	288.0	650
0041056	7 G 6	42.0 x 9.5	403.0	850
0041057	4 G 10	33.0 x 11.0	384.0	800
0041058	5 G 10	44.0 x 11.0	480.0	1000
0041059	4 G 16	38.0 x 13.0	614.0	1150
0041060	4 G 25	49.5 x 15.0	960.0	1700
0041061	4 G 35	55.0 x 17.0	1,344.0	2360
0041062	4 G 50	63.0 x 19.0	1,920.0	3000
0041063	4 G 70	71.0 x 22.0	2,688.0	4000

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100kg. 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](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 are not to scale and do not represent detailed images of the respective products.

- Similar products**
- ÖLFLEX® LIFT F refer to page 162

- Accessories**
- Cable trolley systems refer to page 971
  - Flat cable wedge clamps