

Power and control cables

Conveyor technology • Flat cables



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 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 U0/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 mm² per conductor	Outer dimensions, width x height (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CRANE F				
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 mm² 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
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

For more details, contact:



EOT Crane Parts & Accessories

Accessories

- Cable trolley systems
- Flat cable wedge clamps

WA: +91 - 99404 29288, 89250 66613
Phone: +91 - 044 - 24715461, 42614058
E-mail: info@powermechengineering.com
Web: www.powermechengineering.com