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





CE RoHS

Suitable for outdoor use

Cold-resistant

Oil-resistant

UV-resistant

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

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(R) LIFT cables can be found in the appendix, selection table A3

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

Norm references / Approvals
Based on VDE 0250 (NGFLGÖU)

Product features
Flame-retardant according IEC 60332-1-2

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Remark

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
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).
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Technical Data

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
Classification:	ETIM 5.0 Class-ID: EC000825 ETIM 5.0 Class-Description: Flat cable
Specific insulation resistance:	> 10 GOhm x cm
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
Nominal voltage:	U_0/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

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Part 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	72.0	240
0041043	7 G 1,5	29 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 x 6,5	144.0	520
0041046	12 G 1,5	47 x 6,5	172.8	620
0041047	4 G 2,5	21 x 7,5	96.0	280
0041048	5 G 2,5	27 x 7,5	120.0	400
0041049	7 G 2,5	35 x 7,5	168.0	520
0041050	8 G 2,5	39 x 7,5	192.0	550
0041051	12 G 2,5	56 x 8	288.0	800
0041052	4 G 4	26 x 9	153.6	410
0041053	7 G 4	42 x 9	268.8	700
0041054	4 G 6	29 x 9,5	230.0	600
0041055	5 G 6	35 x 9,5	288.0	650
0041056	7 G 6	42 x 9,5	403.0	850
0041057	4 G 10	33 x 11	384.0	800
0041058	5 G 10	44 x 11	480.0	1000
0041059	4 G 16	38 x 13	614.0	1150
0041060	4 G 25	49,5 x 15	960.0	1700
0041061	4 G 35	55 x 17	1344.0	2360
0041062	4 G 50	63 x 19	1920.0	3000
0041063	4 G 70	71 x 22	2688.0	4000

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