


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CRANE CF</b>	07.11.2014

Weather-resistant flat rubber cables with copper screening  
Weather-resistant for harsh environmental conditions  
Flat cables need less space than round cables  
Smaller bending radii is possible  
Copper braiding screens the cable against electromagnetic interference



Suitable for outdoor use



Cold-resistant



Oil-resistant



UV-resistant

#### Info

For outdoor cable trolley application  
EMC-compliant

#### 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

#### Product Make-up

Strands of bare or tinned-copper wires

Core insulation: rubber compound

Individual core screening consist of

- plastic foil wrapping
- tin-plated copper braiding
- plastic foil wrapping

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 150/100 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 are not to scale and do not represent detailed images of the respective products.

### 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
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:	2000 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 mm <sup>2</sup> per conductor	Outer dimensions/ width x height (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CRANE CF				
0041075	4 G 1,5	18,5 x 6,5	79.0	220
0041076	8 G 1,5	36 x 7,5	155.0	470
0041077	12 G 1,5	54,5 x 8,5	238.0	745
0041078	4 G 2,5	22,5 x 7,5	141.0	320
0041079	12 G 2,5	69,5 x 9,5	499.0	1180
0041080	4 G 4	29 x 10,5	219.0	505
0041081	4 G 6	31 x 10,5	302.0	605
0041082	4 G 10	36 x 11,5	472.0	840
0041083	4 G 16	41,5 x 13,5	687.0	1180
0041084	4 G 25	47 x 15	1114.0	1605
0041085	4 G 35	55 x 17	1482.0	2520
0041086	4 G 50	66 x 20,5	2238.0	3000