

ÖLFLEX® CRANE CF

Weather-resistant flat rubber cables with copper screening

ÖLFLEX® CRANE CF - Flat cable for outdoor use and crane applications/conveyour technology. Screened power and control rubber cable, U_0/U :300/500V

Info

For outdoor cable trolley application
EMC-compliant



Suitable for outdoor use



Cold-resistant



Oil-resistant



Interference signals



UV-resistant

Benefits

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

Application range

In crane systems on building sites and shipyards for fixed installation, or for flexible use in

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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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

As a lift control cable: max. 50 m suspension length

Product features

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

Based on VDE 0250-809 (NGFLGÖU)

Product Make-up

Conductors: Finely stranded bare copper

Core insulation: rubber compound

Individual core screening consist of

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

Outer sheath: special rubber compound

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000825

ETIM 5.0 Class-Description: Flat cable

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000825

ETIM 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:

2000 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

Note

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.

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Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm² per conductor	Outer dimensions, width x height (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CRANE CF				
0041075	4.0 G 1.5	18.5 x 6.5	79	220
0041076	8.0 G 1.5	36 x 7.5	155	470
0041077	12.0 G 1.5	54.5 x 8.5	238	745
0041078	4.0 G 2.5	22.5 x 7.5	141	320
0041079	12.0 G 2.5	69.5 x 9.5	499	1180
0041080	4.0 G 4.0	29 x 10.5	219	505
0041081	4.0 G 6.0	31 x 10.5	302	605
0041082	4.0 G 10.0	36 x 11.5	472	840
0041083	4.0 G 16.0	41.5 x 13.5	687	1180
0041084	4.0 G 25.0	47 x 15	1114	1605
0041085	4.0 G 35.0	55 x 17	1482	2520
0041086	4.0 G 50.0	66 x 20.5	2238	3000