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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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 mm^2: extra-fine wire, class 6 from 35 mm^2: 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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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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

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PRODUCT INFORMATION

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	36.0 x 6.5	155	470
0041077	12.0 G 1.5	54.5 x 7.1	238	745
0041078	4.0 G 2.5	22.8 x 7.7	141	320

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