

## ÖLFLEX® CRANE 2ST

Flexible at cold temperatures, PVC cables with external steel supporting elements

ÖLFLEX® CRANE 2ST - PVC control cable, with steel supporting elements for movable control panels and consoles, cold flexible, U<sub>0</sub>/U: 300/500V

### Info

New Product, Follower of ÖLFLEX® CRANE 2S



Suitable for outdoor use



Cold-resistant



Optimum strain relief



UV-resistant

### Benefits

Two steel support elements that are integrated into the outer sheath on opposite sides absorb the tensile forces during operation  
Tensile strength of 2100 N per supporting element

### Application range

For connecting movable control panels and consoles  
As a self-supporting shaft cable; in high rack systems  
Suitable for outdoor applications  
Do not use for lift applications!

The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3

### Product features

Last Update (21.12.2023)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## ÖLFLEX® CRANE 2ST

Flame-retardant according IEC 60332-1-2  
Flexible at low temperatures

### Norm references / Approvals

Based on VDE 0250

### Product Make-up

Conductor made of bare copper wires  
Special PVC-based core insulation  
Special textile wrapping to improve sliding movement between the sheath and cores  
Special PVC-based outer sheath  
Opposing, integrated steel supporting elements

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-334
Conductor stranding:	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
Minimum bending radius:	Flexible use: 20 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Flexible use: -15 °C to +70 °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](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 and graphics are not to scale and do not represent detailed images of the respective products.

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

**ÖLFLEX® CRANE 2ST**

Article number	Number of cores and mm <sup>2</sup> per conductor	Cable Ø (mm)	Distance between strain wires (mm)	Copper index (kg/km)	Weight (kg/km)
2027503	8.0 G 1.5	13.6	19	115	430
2027504	12.0 G 1.5	15.5	21	172.8	510
2027505	20.0 G 1.5	20	25	288	720

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