


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® CRANE 2S	12.09.2012

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



Info

Double tensile strength safety

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

Design

Strands 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

Approvals (Norm references)

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

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

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Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293
Based on:	VDE 0250
Specific insulation resistance:	> 20 GOhm x cm
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 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: -15°C to +70°C

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Part number	Number of cores and mm ² per conductor	Cable Ø (mm)	Distance between strain wires (mm)	Copper index (kg/km)	Weight (kg/km)
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0027503	8 G 1,5	14.7	20	115.0	372.5
0027504	12 G 1,5	16.2	21	172.8	439
0027505	20 G 1,5	20.1	25	288.0	674