


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® CRANE 2S	14.11.2013

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



Suitable for outdoor use



Cold-resistant



Optimum strain relief



UV-resistant

Info

Double tensile strength safety

Teach pad cable

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

Norm references / Approvals


Based on VDE 0250

Norm references / Approvals

Flame-retardant according IEC 60332-1-2

Flexible at low temperatures

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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 150/100kg. 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 \leq 30 kg or \leq 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:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
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 mm² per conductor	Cable Ø (mm)	Distance between strain wires (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CRANE 2S					
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