


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CRANE 2S</b>	29.11.2013

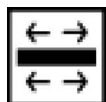
Flexible at cold temperatures, PVC cables with external steel supporting elements  
Two steel support elements that are integrated into the outer sheath on opposite sides absorb the tensile forces during operation  
Tensile strength of 2100 N per supporting element



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

Product Management	Document: LAPP_PRO134EN.pdf	1 / 3
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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](http://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 <sub>0</sub> /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

Product Management	Document: LAPP_PRO134EN.pdf	2 / 3
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Part 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)
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