


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>H01N2-D</b>	07.11.2014

Normative arc-welding cable

Type-compliant versions <HAR>-certified with “<HAR>” testing and certification mark for accelerated granting of approvals if final application of cable is within the European GENELEC area



Cold-resistant



Oil-resistant



UV-resistant

#### Info

Arc welding cable according to EN 50525-2-81  
Formerly, VDE type NSLFFÖU

#### Application range

Application standard for H01N2-D: HD 516/VDE 0298-300  
For transmitting high currents from the electric welding device to the welding tool  
Use the welding cable only under consideration of HD 516/VDE 0298-300  
Can be used in dry or damp rooms

#### Product Make-up

Bare copper wire according to HAR  
Stranding approximately corresponds to class 6 up to 95 mm<sup>2</sup>, and from 120 mm<sup>2</sup> approximately to class 5 acc. to VDE 0295  
Separator made of synthetic film or paper  
Outer sheath: rubber compound, type EM5

#### Norm references / Approvals

<HAR> H01N2-D cable type certification acc. EN 50525-2-81  
Has replaced the previous VDE type NSLFFÖU


#### Product features

Flame-retardant according IEC 60332-1-2  
Maximum recommended ambient temperature during storage according to HD 516/VDE 0298-300: +40 °C

#### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 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 are not to scale and do not represent detailed images of the respective products.

Product Management	Document: LAPP_PRO112EN.pdf	1 / 3
--------------------	-----------------------------	-------

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>H01N2-D</b>	<b>07.11.2014</b>

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC000824 ETIM 5.0 Class-Description: Welding cable
Conductor stranding:	H01N2-D according to EN 50525-2-81
Minimum bending radius:	Flexible use: 12 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 100/100 V
Test voltage:	1000 V
Current rating:	According to VDE 0298 Part 4, table 16 HD 516/VDE 0298-300
Temperature range:	Flexible use: -25°C to +85°C HD 516/VDE 0298-300

Product Management	Document: LAPP_PRO112EN.pdf	2 / 3
--------------------	-----------------------------	-------

H01N2-D

07.11.2014

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
2310026	10	7,7 - 9,7	96.0	171
2210700	16	8,8 - 11	153.6	198
2210701	25	10,1 - 12,7	240.0	305
2210702	35	11,4 - 14,2	336.0	415
2210703	50	13,2 - 16,5	480.0	555
2210704	70	15,3 - 19,2	672.0	765
2210705	95	17,1 - 21,4	912.0	1010
2210706	120	19,2 - 24	1152.0	1262
2210707	150	21,2 - 26,4	1440.0	1610
2210708	240	25 - 29,5	2304.0	2520