


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>H01N2-D</b>	<b>12.09.2012</b>

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



### Info

Arc welding cable according to HD 22.6  
Harmonised (HAR)

### 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

### Design

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

### Approvals (Norm references)

Has replaced the previous VDE type NSLFFÖU

### Product features

Flame-retardant according to 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 150/100kg. 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](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.

### Technical Data

Approvals:	VDE 0282 Part 6 or HD 22.6
Conductor stranding:	Class D according to VDE 0282 Part 6
Conductor resistance:	according to VDE 0295
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

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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