

Harsh conditions

Rubber cables



## H01N2-D

Normative arc-welding cable



**Info**

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

**Benefits**

- 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 CENELEC area

**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 features**

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

**Norm references / Approvals**

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

**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

**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

Article 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 - 11.0	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 - 24.0	1,152.0	1262
2210707	150	21.2 - 26.4	1,440.0	1610
2210708	240	25.0 - 29.5	2,304.0	2520

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 ≤ 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.

**Accessories**

- KS 20 cable shears refer to page 908

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ACCESSORIES  
APPENDIX