



# 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**
- Use the welding cable only under consideration of EN 50565-2
  - For use on handheld electrode holder up to 100 V
  - Can be used in dry or damp rooms
  - For transmitting high currents from the electric welding device to the welding tool

- Product features**
- Flame-retardant according IEC 60332-1-2

- Norm references / Approvals**
- <HAR> H01N2-D cable type approval according to EN 50525-2-81

- 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 5/6**  
ETIM 5.0/6.0 Class-ID: EC000824  
ETIM 5.0/6.0 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**  
U0/U: 100/100 V
- Test voltage**  
1000 V
- Current rating**  
According to VDE 0298 Part 4, table 16  
EN 50565-1/ VDE 0298-565-1
- Temperature range**  
Flexible use: -25°C to +85°C

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>H01N2-D</b>				
2310026	10	7.7 - 9.7	96	171
2210700	16	8.8 - 11.0	153.6	198
2210701	25	10.1 - 12.7	240	305
2210702	35	11.4 - 14.2	336	415
2210703	50	13.2 - 16.5	480	555
2210704	70	15.3 - 19.2	672	765
2210705	95	17.1 - 21.4	912	1010
2210706	120	19.2 - 24.0	1152	1262
2210707	150	21.1 - 26.4	1440	1610
2210708	240	25.8 - 32.1	2304	2520

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

- Accessories**
- Cable shears with double edge refer to page 980

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APPENDIX