

# H01N2-D Welding Cable

Special cable for the transmission of high currents  
For electrical welding machines



## Application

- For the transmission of high currents from the electric welding device to the welding tool
- For flexible use under rough conditions
- For manually and automatically operated line and spot welding machines
- On assembly lines and conveyor systems
- Machine tools
- Automobile and ship building

## Advantage

- Retains the high flexibility also under the influence of
  - light
  - ozone
  - oxygen
  - inert gas
  - oil
- Resistant against the effects of cold, heat, and fire
- Use outdoors or in dry and damp rooms

## Worth knowing

### Comparable products:

- Has replaced the previous VDE-type NSLFFÖU

### Technical notes:

- The HAR standard provides both the bare and the tinned copper wire. Therefore both versions can be delivered
- Flame retardant in acc. with IEC 60 332.1

## Cable Make-up

- Bare or tinned copper\* wire class D acc. to VDE 0282 part 6 or HD 22.6
- Up to 95 mm<sup>2</sup> this corresponds to approximately Class 6 and from 120 mm<sup>2</sup> approximately class 5 in acc. with VDE 0295
- Separator of synthetic foil or paper
- Outer sheath of polychloroprene

\*Please refer to "Worth knowing"!

## Technical Data

Approvals  
VDE 0282 Part 6 or HD 22.6 S2

Conductor resistance  
in acc. with VDE 0295

Rated voltage  
 $U_c/U_i$ : 100/100 V

Current rating  
In acc. with VDE 0298 Part 4, Table 16

Conductor stranding  
Class D, see table  
Number of wires is a value without obligation

Minimum bending radius  
Flexing:  
12 x outer diameter

Test voltage  
1000 V

Range of temperature  
-25°C to +85°C

Part number	Conductor cross-section (mm <sup>2</sup> )	Conductor stranding: Number of wires x wire diameter in mm approx.	Thickness of the insulation in mm	Outer diameter in mm approx.	Copper weight kg/km	Weight kg/km approx.
<b>H01N2-D Welding Cable</b>						
2310026	10,0	320 x 0,21	2,0	7,7 - 9,7	96,0	171
2210700	16,0	510 x 0,21	2,0	8,8 - 11,0	154,0	198
2210701	25,0	760 x 0,21	2,0	10,1 - 12,7	240,0	305
2210702	35,0	1.100 x 0,21	2,0	11,4 - 14,2	336,0	415
2210703	50,0	1.570 x 0,21	2,2	13,2 - 16,5	480,0	555
2210704	70,0	2.220 x 0,21	2,4	15,3 - 19,2	672,0	765
2210705	95,0	3.020 x 0,21	2,6	17,1 - 21,4	912,0	1.010
2210706	120,0	608 x 0,51	2,8	19,2 - 24,0	1152,0	1.262

G = with Protective Conductor GNYE; X = without Protective Conductor  
Copper price basis: EUR 150 / 100 kg  
Standard lengths: (50; 100; 500) m  
Packaging size: Coil < 30 kg, above automatically drum  
Please specify the desired make-up (e.g. 1 x 500 m drum or 5 x 100 m coils)