H01N2-D

Normative arc-welding cable

H01N2-D, HAR-certified, power and control cable, rubber arc-welding cable, NSLFFÖU-based, 100VAC, 150VDC, EN 50525-2-81, IEC 60245, flame-retardant

Info

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

Cold-resistant

Oil-resistant

UV-resistant

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

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PN 0456 / 02_03.16

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<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^2, and from 120 mm^2 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:	ETIM 5.0 Class-ID: EC000824 ETIM 5.0 Class-Description: Welding cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000824 ETIM 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: -20 °C to +85 °C

Note

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
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).
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Conductor cross-section (mm^2)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
2310026	10	7.7 - 8.7	96	171
2210700	16	8.8 - 9.8	153.6	198
2210701	25	10.1 - 11.3	240	305
2210702	35	11.4 - 12.6	336	415
2210703	50	13.2 - 14.6	480	555
2210704	70	15.3 - 16.9	672	765
2210705	95	17.1 - 18.8	912	1010
2210706	120	19.2 - 21.1	1152	1262
2210707	150	21.1 - 23.2	1440	1610
2210708	240	25.8 - 27.7	2304	2520

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