

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 mm², and from 120 mm² 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
U₀/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 ²)	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
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

ÖLFLEX®
 UNITRONIC®
 ETHERLINE®
 HITRONIC®
 EPIC®
 SKINTOP®
 SILVYN®
 FLEXIMARK®
 ACCESSORIES
 APPENDIX