



H01N2-D

EN 50525-2-81 Welding Cable

DESCRIPTION:

Cable connects the welding equipment to the electrode holder.

CABLE STRUCTURE:

Conductor:

Copper wire bare, extra finely stranded

Separation: PET (Polyester Tape)

Sheath: EM5 EN standard/SE3
or SE4 China Standard

CODE DESIGNATION: H01N2-D

APPLICATION:

These cables are used as a connection to welding robots in the automotive industry, shipyards and for manually/automatically operated lines and spot welding. These cables are ideal for use as an interconnecting battery cable or in battery storage systems. The robust cable structure makes them resistant to low and high temperatures, ozone and radiation, oils, acids, fats and petrols.

TECHNICAL DATA:

Voltage Rating:

100V

Temperature Rating:

Fixed: -40°C to +85°C

Fixed: -20°C to +85°C

Minimum Bending Radius :

Flexed: 6 x overall diameter

STANDARD:

European standard

EN 50525-2-81, EN 60228, HD 22.6,

VDE 0282-6, BS 638 Part 4

Flame Retardant according to

IEC/EN 60332-1-2

Other standards such as

IEC, BS, DIN and ICEA upon request

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for our product categories. Additionally, we possess other authoritative certifications recognized in various countries and regions. For further details on our certification portfolio, please do not hesitate to contact us.





H01N2-DEN 50525-2-81 Welding Cable

Specifications

Nom.Cross-section Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Cable Weight	Maximum Diameter of Wires in Conductor	Maximum Resistance of Conductor at 20° C
mm2	mm	mm	kg/km	mm	ohms/km
1 × 10	2	9	146	0.21	1.91
1 × 16	2	10	204	0.21	1.21
1 × 25	2	11.5	290	0.21	0.78
1 × 35	2	12.5	384	0.21	0.554
1 × 50	2.2	14.5	535	0.21	0.386
1 × 70	2.4	16.5	716	0.21	0.272
1 × 95	2.6	18.5	943	0.21	0.206
1 × 120	2.8	20.5	1235	0.51	0.161
1 × 150	3	23	1556	0.51	0.129