



## Welding Cable



### Description :

Description	Welding Cable
Conductor:	Stranded Copper Conductor of Class 5/6 (Flexible)
Inner Insulation:	PVC/Rubber Compound
Inner Insulation Color	White
Outer Insulation	PVC/Rubber Compound
Outer Insulation Color	Black, Orange
Temperature Range:	-20 - 80°C
Nominal Voltage:	300/500V
Test Voltage:	1000 V
Minimal Bending Radius:	4D
Standard	IEC 60332

### Application :

Cable of normal flexibility grade, used as high voltage insulated conductor from electrical welding machine to electrodes, i.e. as earth connection. In addition to hand welding, it can be also applied in automobile industry, shipbuilding, transport systems, production lines, tool manufacturing, welding robots. These cables retain their high flexibility also under the influence of ozone, light, oxygen, protective gases, oils and gasoline. Due to their robust construction, they are also resistant to cold, same as to heat and fire. Suitable for outdoor use, but also in dry and damp conditions.



**CABLE MANUFACTURER**  
HENAN SANHENG INDUSTRIAL CO., LTD.

Office Tel: +86-0371-53395807  
Whatsapp/Wechat: +86-18135696936  
Email: [sanheng@sanheng.cc](mailto:sanheng@sanheng.cc)  
[www.electrical-cable.com](http://www.electrical-cable.com)

2

## Technical data :

Section	Strands/dia	Insulation Thickness	OD	Conductor resistance at 20 °C	Reference weight
(mm <sup>2</sup> )	(n / mm)	(mm)	(mm)	(Ω/km)	(kg/km)
10	322/0.2	0.8	7.5-9.7	1.91	146
16	513/0.2	2	9.2-11.5	1.16	218.9
25	798/0.2	2	10.5-13.0	0.758	316.6
35	1121/0.2	2	11.5-14.5	0.538	426
50	1596/0.2	2.2	13.5-17.0	0.379	592.47
70	2214/0.2	2.4	15.0-19.5	0.268	790
95	2997/0.2	2.6	17.0-22.0	0.198	1066.17
120	1702/0.3	2.8	19.0-24.0	0.161	1348.25
150	2135/0.3	3	21.0-27.0	0.129	1678.5
185	1443/0.4	3.2	22.0-29.0	0.106	1983.8