

180°C AG SILICON RUBBER INSULATED WIRE



APPLICATION

Suitable for various motors, electronic ceramics, heating components, car lights, lighting fixtures, ballasts etc

Technical data

Conductor: silver plated copper, nickel plated copper or tinned copper

Insulation: Silicon rubber

Temperature Range: -60°C~180°C

Rated Voltage: 300/500V



Nominal section (mm ²)	Number/strand Diameter (mm)	Insulation thickness (mm)	Nominal outer diameter (mm)	20 °C Maximum conductor resistance (Ω/km)
0.1	12×0.10	0.45	1.3	188
0.2	12×0.15	0.65	1.8	95
0.3	16×0.15	0.6	1.85	71.2
0.4	23×0.15	0.5	1.9	49.6
0.5	28×0.15	0.6	2.2	40.1
0.75	42×0.15	0.7	2.6	26.7
1	32×0.20	0.75	2.8	20
1.5	48×0.20	0.75	3.1	13.7

The information contained within this data sheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

Nominal section (mm ²)	Number/strand Diameter (mm)	Insulation thickness (mm)	Nominal outer diameter (mm)	20 °C Maximum conductor resistance (Ω/km)
2	40×0.25	0.85	3.4	9.9
2.5	49×0.25	0.85	3.7	8.21
4	56×0.30	0.7	4.3	5.09
6	84×0.30	0.8	5.2	3.39
10	84×0.40	1	6.6	1.95
16	126×0.40	1.2	8.4	1.24
25	196×0.40	1.4	10.4	0.795

Note: Other specifications of wires could be customized according to your requirements.