

## Silicone Wire JG

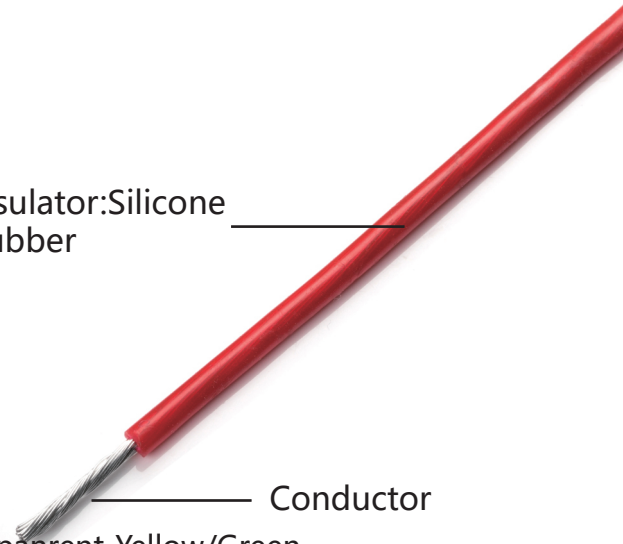
SILICONE WIRE

### TECHNICAL DATA

Insulator:Silicone  
Rubber

Insulation:Silicone Rubber  
Conductor:Copper or Tinned Copper  
Temperature Range:-60°C~+200°C  
Rated Voltage:AC500V、 AC1000V  
O.D.Tolerance:±0.1mm

Colour:White-Blue-Red-Black-Brown-Yellow-Green-Transparent-Yellow/Green  
Mainly used in high-voltage cabinet,power systems,high voltage electric machineries,  
television receivers,transforms,high-voltage cable for electronic instruments,etc.



Conductor

## PRODUCT PARAMETER

Conductor			Insulation Thickness mm		Outer Diameter mm		Electrical Properties
Sectional Area mm <sup>2</sup>	Conductor Construction NO.XΦmm	Diameter mm	500V	1000V	500V	1000V	Max.Conductor Resistance DC 20°C Ω/km
0.5	28/0.15	0.90	1.0	1.2	2.9	3.3	40.1
0.75	24/0.20	1.15	1.0	1.2	3.2	3.6	26.7
1.0	32/0.20	1.30	1.0	1.2	3.3	3.7	20
1.5	30/0.25	1.60	1.0	1.2	3.6	4.0	13.7
2.0	40/0.25	1.85	1.0	1.2	3.9	4.3	9.9
2.5	49/0.25	2.00	1.0	1.2	4.0	4.4	8.21
4.0	56/0.30	2.80	1.2	1.4	5.2	5.6	5.09
6.0	84/0.30	3.60	1.2	1.5	6.0	6.6	3.39
10.0	84/0.40	4.80	1.4	1.6	7.6	7.8	1.95
16.0	126/0.40	5.80	1.4	1.6	8.6	9.0	1.24
25.0	210/0.39	7.60	1.6	1.8	10.8	11.2	0.795
35.0	287/0.39	8.80	1.8	2.0	12.4	12.8	0.565
50.0	252/0.50	10.6	2.0	2.2	14.6	15.0	0.393
70.0	582/0.39	12.8	2.0	2.2	16.8	17.2	0.277
95.0	475/0.50	14.8	2.2	2.5	19.2	19.8	0.210
120.0	608/0.50	16.5	2.2	2.5	21.0	21.5	0.164
150.0	760/0.50	18.2	2.4	2.6	23.0	23.4	0.132
185.0	925/0.50	20.0	2.4	2.6	24.8	25.2	0.108
240.0	1221/0.50	23.0	2.6	2.8	28.2	28.6	0.0817

