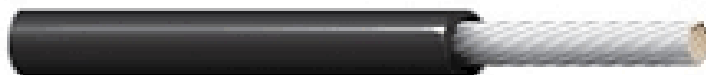


250°C AF250 SILVER/NICKEL PLATED COPPER PFA INSULATED WIRE



APPLICATION

Suitable for heating appliances, PTC thermistors, temperature sensors, coating equipment, automotive internal wiring, electronic appliances, etc.

Technical data

Conductor: silver plated copper or nickel plated copper

Insulation: PFA Teflon

Temperature Range: -80°C~250°C

Rated Voltage:600V



Nominal section (mm ²)	Number/strand Diameter(mm)	Insulation thickness (mm)	Nominal outer diameter (mm)	20 °C Maximum conductor resistance (Ω/km)
0.035	7 × 0.08	0.2	0.6	525
0.05	7 × 0.10	0.2	0.7	330
0.08	7 × 0.12	0.22	0.8	227
0.12	7 × 0.15	0.25	0.95	150
0.14	7 × 0.16	0.17	0.82	126
0.2	7 × 0.20	0.3	1.2	83.5

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)
0.35	19 × 0.16	0.3	1.4	49.5
0.5	19 × 0.18	0.3	1.6	36
0.75	19 × 0.23	0.35	1.85	22.7
	1 × 0.97	0.26	1.49	22.7
1	19 × 0.26	0.35	2	19
1.2	19 × 0.28	0.35	2.1	15.3
1.5	19 × 0.32	0.4	2.4	11.7
2	19 × 0.37	0.4	2.65	9.45
2.5	19 × 0.41	0.5	3.1	6.86
4	37 × 0.37	0.5	3.6	4.51
6	37 × 0.45	0.5	4.2	3.05
8	133 × 0.28	0.5	5.2	2.16
10	133 × 0.32	0.5	5.8	1.68
16	133 × 0.39	0.6	7	1.13
20	133 × 0.45	0.6	8	0.886
25	196 × 0.40	0.6	8.8	0.734
35	494 × 0.30	0.7	10.4	0.511
50	396 × 0.40	0.8	12.2	0.358
70	551 × 0.40	1	14.6	0.27
95	760 × 0.40	1.2	17.2	0.21

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