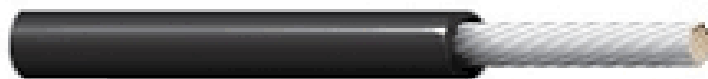


# 250°C AFT250 SILVER/NICKEL PLATED COPPER PTFE INSULATED WIRE



## APPLICATION

Suitable for petroleum instruments, motors, automotive connecting wires, and outdoor lighting. PTC thermistors, electric heating components, etc

## Technical data

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

Insulation: PTFE Teflon

Temperature Range: -80C~250°C

Rated Voltage:600V



Nominal section mm2 (mm2)	Number/strand Diameter (mm)	Insulation thickness (mm)	Nominal outer diameter (mm)	20 °C Maximum conductor resistance (Ω/km)
0.05	1 × 0.25	0.2	0.65	376.29
0.07	1 × 0.30	0.2	0.7	245
0.12	1 × 0.40	0.225	0.85	144.1
0.16	1 × 0.45	0.25	0.95	126
0.2	1 × 0.50	0.3	1.1	83.5
0.08	7 × 0.12	0.25	0.86	227

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 <sup>2</sup> (mm <sup>2</sup> )	Number/strand Diameter (mm)	Insulation thickness (mm)	Nominal outer diameter (mm)	20 °C Maximum conductor resistance (Ω/km)
0.15	7 × 0.16	0.25	0.98	126
0.2	7 × 0.20	0.25	1.1	83.5
0.35	19 × 0.16	0.3	1.4	49.5
0.5	19 × 0.18	0.35	1.6	36.7
0.75	19 × 0.23	0.35	1.85	22.7
1	19 × 0.26	0.35	2	19
1.2	19 × 0.28	0.4	2.2	15.3
1.5	19 × 0.32	0.4	2.4	11.7
2	19 × 0.37	0.45	2.75	9.45
2.5	19 × 0.41	0.55	3.15	6.86
4	37 × 0.37	0.5	3.58	4.51
6	37 × 0.45	0.5	4.15	3.05

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