

CHARACTER:

1.Physical performance

- a、 Good mechanical properties
- b、 Good resistance to high temperature, low temperature resistance
- c、 Good flame retardancy
- d、 Good corrosion resistance
- e、 Good resistance to climate
- f、 Good lubricity (small friction coefficient)
- g、 Excellent resistance to radiation

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use half extrusion processing
- b、 Good wire processing performance
- c、 In the process of wire processing good compatibility
- d、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 nonhazardous

SHOULD BE USED:

Is suitable for use in ac 600 v and below the plane wiring, also suitable for other high temperature conditions of all kinds of communication equipment, instrument and meter of electrical connections.

REFERENCE:

Q/320831SQL01.3-2006

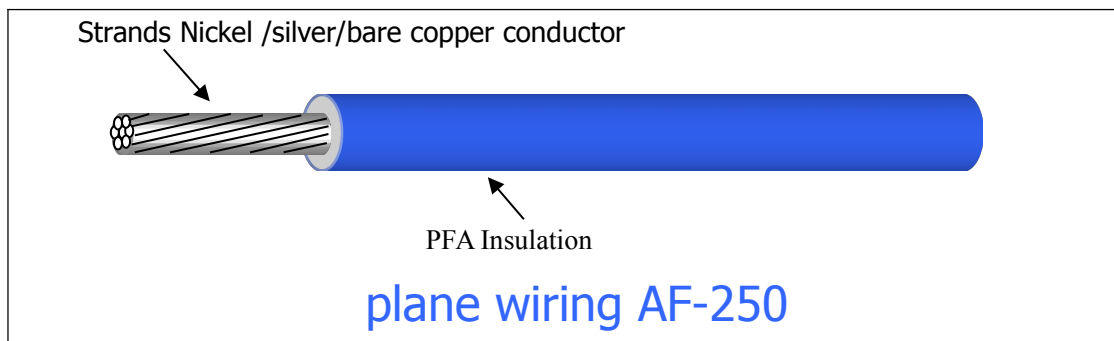
Outline:

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE			
Part No.	Packing- M/roll		
5.0-6.0MM2	■ 500M	□ 1000M	□ 2000M
2.5-4.0MM2	□ 500M	■ 1000M	□ 2000M
0.6-2.0MM2	□ 500M	□ 1000M	■ 2000M
According to customer requirements for packaging packaging			



Wire structure description:
 Conductor: Nickel /silver/bare copper conductor;
 Insulation materials: PFA Insulation

Used in ac 600 v and below the plane wiring, also suitable for other high temperature condition of all kinds of communication equipment, instrument and meter of electrical connections
 Rated temperature: -65~250℃ rated voltage: 600volt

Type	MM2	Conductor size (No./ mm) ±0.005mm	Overall diameter (mm) Nom	experimental temperature	Conductor resistance 20℃ (Ω/Km)	Insulation resistance 20℃ (Ω/Km)	Weight Kg/km
AF 250	0.06	7/0.10	0.90	2.5	336	10	1.74
	0.08	7/0.12	0.95		227		2.10
	0.12	7/0.15	1.05		145		2.71
	0.15	19/0.10	1.10		126		2.90
	0.20	7/0.20 19/0.12	1.20		84		3.91
	0.35	19/0.16	1.35		47		5.29
	0.50	19/0.18	1.50		38		6.98
	0.75	19/0.23	1.90		23		11.54
	1.0	19/0.26	2.10		18		14.44
	1.2	19/0.28	2.30		14		17.18
	1.5	19/0.32	2.40		12		20.13
	2.0	19/0.37	2.60		11		24.70
	2.5	37/0.30	3.30		9		33.20
	3.0	37/0.32	3.50		6		37.80
4.0	37/0.37	3.80	5	47.70			
5.0	37/0.41	4.05	4	57.20			
6.0	37/0.45	4.35	3	67.40			
AFP 250	0.06	7/0.10	1.40	1.5	336	10	4.62
	0.08	7/0.12	1.45		227		5.70
	0.12	7/0.15	1.60		145		7.02
	0.20	7/0.20 19/0.12	1.80		84		8.36
	0.35	19/0.16	2.00		47		11.42
	0.50	19/0.18	2.10		38		13.23
	0.75	19/0.23	2.50		23		20.04
	1.0	19/0.26	2.70		18		23.26
	1.2	19/0.28	2.90		14		27.50
	1.5	19/0.32	3.00		12		31.28
	2.0	19/0.37	3.20		11		36.00
2.5	37/0.30	4.00	9	45.70			

Marking: NO MARKING