

AF-250 600V 1.5mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIANGONGSI

AFP-250 600V 1.5mm<sup>2</sup> SHANGHAI HANKE DIANXIAN

### 应用范围

适用于航空、电子工业中交流额定电压600V及以下的线路连接线。

### 电线结构

多股束绞镀银铜丝导体；  
聚四氟乙烯绝缘(AF型),绝缘外镀锡铜丝编织/AFP型)。

### 技术参数

- ☒ 温度范围: -65℃ ~ +250℃
- ☒ 额定电压: 600V
- ☒ 符合标准: GJB 773A/8A-2000
- ☒ 导体标准: GB/T 3956-1997 第2种

### APPLICATIONS

Suitable for wiring in aerial, electronic industries with rated voltage at/below 600V AC

### WIRE MAKE-UP

Multi-stranded fine bare tincopper conductor.  
polytetrafluoroethylene insulation (AF);  
additional tincopper mesh outside the insulation (AFP).

### TECHNICAL DATA

- ☒ Operating Temp.: -65℃ ~ +250℃
- ☒ Rated Voltage: 600V
- ☒ Governing Std.: GJB 773A/8A-2000
- ☒ Conductor Std.: Category 2 in GB/T 3956-1997

导体截面 Cross Section mm <sup>2</sup>	导体结构 Conductor Structure 根数/单根直径 Cond. No./O.D	标称外径 Nominal O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ ( Ω/Km )	环境温度 30℃架空时 参考载流量(A) Ampacity @30℃ Ambient (aerial cable)
<b>( AF-250型 ) 600V</b>					
0.2	7/0.20	1.14	4.05	90.0	12
0.3	19/0.15	1.32	5.10	65.0	17
0.5	19/0.18	1.42	7.22	36.0	24
0.75	19/0.23	1.70	10.7	24.0	31
1	19/0.26	1.80	13.1	18.1	37
1.2	19/0.28	2.06	16.4	16.0	40
1.5	19/0.32	2.25	20.4	12.1	48
2	19/0.37	2.41	26.2	10.0	58
2.5	37/0.30	2.78	35.0	7.41	70
3	37/0.32	2.90	39.5	6.50	76
4	37/0.37	3.38	50.2	4.61	90
5	37/0.41	3.53	60.1	3.50	103
6	37/0.45	4.08	71.1	3.08	114
<b>( AFP-250型 ) 600V</b>					
0.2	7/0.20	1.64	7.79	90.0	12
0.3	19/0.15	1.82	9.21	65.0	17
0.5	19/0.18	2.02	11.8	36.0	24
0.75	19/0.23	2.20	16.0	24.0	31
1	19/0.26	2.30	18.7	18.1	37
1.2	19/0.28	2.59	26.5	16.0	40
1.5	19/0.32	2.78	31.0	12.1	48
2	19/0.37	2.94	37.8	10.0	58
2.5	37/0.30	3.34	48.4	7.41	70
3	37/0.32	3.45	53.5	6.50	76
4	37/0.37	3.93	65.7	4.61	90
5	37/0.41	4.08	76.8	3.50	103
6	37/0.45	4.63	88.8	3.08	114

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)