

AF-200型 氟塑料绝缘耐高温非屏蔽电线
AFP-200型 氟塑料绝缘耐高温屏蔽电线

AF-200 Shielded Fluoroplastics-insulated High-temperature-resistant Wire
AFP-200 Unshielded Fluoroplastics-insulated High-temperature-resistant Wire



无卤低烟、耐火耐高温电线电缆系列 FIRE AND HIGH TEMPERATURE RESISTANT HALOGEN-FREE LOW-SMOKE WIRES & CABLES

AF-200 600V 1.5mm² SHANGHAI HANKE DIANXIAN YOUXIANGONGSI

AFP-200 600V 1.5mm² SHANGHAI HANKE DIAN

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。

APPLICATIONS

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

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)。

WIRE MAKE-UP

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

技术参数

- 温度范围: -45℃ ~ +200℃
- 额定电压: 600V
- 符合标准: GJB 773A/8A-2000
- 导体标准: GB/T 3956-1997 第2种

TECHNICAL DATA

- Operating Temp.: -45℃ ~ +200℃
- 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 ²	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)
(AF-200型) 600V					
0.2	7/0.20	1.14	4.05	90.0	10
0.3	19/0.15	1.32	5.10	65.0	15
0.5	19/0.18	1.42	7.22	36.0	20
0.75	19/0.23	1.70	10.7	24.0	27
1	19/0.26	1.80	13.1	18.1	32
1.2	19/0.28	2.06	16.4	16.0	35
1.5	19/0.32	2.25	20.4	12.1	41
2	19/0.37	2.41	26.2	10.0	50
2.5	37/0.30	2.78	35.0	7.41	60
3	37/0.32	2.90	39.5	6.50	66
4	37/0.37	3.38	50.2	4.61	77
5	37/0.41	3.53	60.1	3.50	89
6	37/0.45	4.08	71.1	3.08	99
(AFP-200型) 600V					
0.2	7/0.20	1.64	7.79	90.0	10
0.3	19/0.15	1.82	9.21	65.0	15
0.5	19/0.18	2.02	11.8	36.0	20
0.75	19/0.23	2.20	16.0	24.0	27
1	19/0.26	2.30	18.7	18.1	32
1.2	19/0.28	2.59	26.5	16.0	35
1.5	19/0.32	2.78	31.0	12.1	41
2	19/0.37	2.94	37.8	10.0	50
2.5	37/0.30	3.34	48.4	7.41	60
3	37/0.32	3.45	53.5	6.50	66
4	37/0.37	3.93	65.7	4.61	77
5	37/0.41	4.08	76.8	3.50	89
6	37/0.45	4.63	88.8	3.08	99

▲ 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)