

GBB型 单芯硅橡胶绝缘耐热电线
YG型 单芯硅橡胶绝缘耐热电线

GBB Single-core Silicone rubber-insulated Heat resistant Wire
YG Single-core Silicone rubber-insulated Heat 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



应用范围

适用于在高温条件下使用的电子产品、家用电器、照明设备等安装连接线。

电线结构

多股束绞镀锡铜丝导体；
硅橡胶绝缘，绝缘外玻璃纤维编织。

技术参数

- 温度范围：-60℃ ~ +180℃
- 额定电压：U₀/U 300/500V
- 符合标准：GB 5013.3-1997
- 导体标准：GB/T 3956-1997 第5、6种

APPLICATIONS

Suitable for wiring in electronic products, household electric appliances, lighting equipments operating in elevated temperature

WIRE MAKE-UP

Multi-stranded fine bare tincopper conductor.
Silicone rubber Insulation, fiberglass mesh shield outside insulation

TECHNICAL DATA

- Operating Temp.: -60℃ ~ +180℃
- Rated Voltage: U₀/U 300/500V
- Governing Std.: GB 5013.3-1997
- Conductor Std.: Category 5, 6 in GB/T 3596-1997

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	最大外径 Max. O.D. mm	重量(近似) Approx. Weight Kg/Km	环境温度 30℃架空时 参考载流量(A) Ambient (aerial cable)
(GBB型) 300/500V					
1.5	48/0.20	2.75	3.0	21.5	
2.5	50/0.25	3.45	3.8	30.0	
4	56/0.30	4.05	4.4	48.7	
5.5	77/0.30	4.85	5.3	60	
6	84/0.30	4.90	5.3	0	
				69.5	
(YG型) 300/500V					
0.5	28/0.15	2.40	3.4	10.5	
0.75	24/0.20	2.65	3.6	13.5	
1	32/0.20	2.80	3.8	16.2	
1.5	30/0.25	3.60	4.3	23.5	
2.5	50/0.25	4.00	5.0	34.7	
4	56/0.30	4.60	5.6	52.0	
6	84/0.30	5.20	6.2	72.9	
10	84/0.40	6.70	8.2	127	
16	126/0.40	8.00	9.6	183	

▲ 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)