

YGZ 300/500V 5×0.75mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

YGC 450/750V 3×4mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

应用范围

适用于在高温条件下使用的机械、电机、冶金、石油工业和照明设备等安装连接线。

APPLICATIONS

For wiring in high temperature conditions of mechanical, electrical, metallurgical, oil industry and lighting equipment

电线结构

多股束绞镀锡铜丝导体；
硅橡胶绝缘、护套。

WIRE MAKE-UP

Multi-stranded fine bare tincopper conductor.
Silicone rubber Insulation and sheath

技术参数

- ① 温度范围：-60℃ ~ +180℃
- ② 额定电压：U₀/U 300/500V(YGZ)、450/750V(YGC)
- ③ 符合标准：GB 5013.3-1997
- ④ 导体标准：GB/T 3956-1997 第5种

TECHNICAL DATA

- ① Operating Temp.: -60℃ ~ +180℃
- ② Rated Voltage: U₀/U 300/500V(YGZ)、450/750V(YGC)
- ③ Governing Std.: GB 5013.3-1997
- ④ Conductor Std.: Category 5 in GB/T 3596-1997

导体截面 Cross Section 芯数 × mm ² Core No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core No. × 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	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) Ambient (aerial cable)
(YGZ型) 300/500V						
2×0.75	2×24/0.20	6.00	6.7	57.0	26.0	16
3×0.75	3×24/0.20	6.30	7.0	66.0	26.0	11
4×0.75	4×24/0.20	6.90	7.6	68.0	26.0	11
5×0.75	5×24/0.20	7.50	8.3	105	26.0	
7×0.75	7×24/0.20	8.40	9.2	131	26.0	
2×1	2×32/0.20	6.20	6.8	64.0	19.5	18
3×1	3×32/0.20	6.50	7.2	82.0	19.5	14
4×1	4×32/0.20	7.10	7.8	101	19.5	14
5×1	5×32/0.20	8.00	8.8	111	19.5	
7×1	7×32/0.20	8.70	9.6	151	19.5	
2×1.5	2×30/0.25	7.40	8.1	87.0	13.3	23
3×1.5	3×30/0.25	7.80	8.6	104	13.3	15
4×1.5	4×30/0.25	8.70	9.6	127	13.3	15
5×1.5	5×30/0.25	9.60	10.6	148	13.3	
7×1.5	7×30/0.25	10.60	11.7	190	13.3	
12×1.5	12×30/0.25	14.00	15.4	354	13.3	
14×1.5	14×30/0.25	14.80	16.3	362	13.3	
16×1.5	16×30/0.25	16.00	17.6	446	13.3	
20×1.5	20×30/0.25	17.60	19.4	567	13.3	
24×1.5	24×30/0.25	19.80	21.8	72.2	13.3	
2×2.5	2×50/0.25	8.80	9.7	137	7.98	34
3×2.5	3×50/0.25	9.30	10.2	164	7.98	26
4×2.5	4×50/0.25	10.60	11.7	200	7.98	26
5×2.5	5×50/0.25	11.60	12.8	240	7.98	
7×2.5	7×30/0.25	12.80	14.1	300	7.98	
12×2.5	12×50/0.25	16.90	18.6	574	7.98	

YGZ型 多芯中型硅橡胶绝缘硅橡胶护套耐热电缆
YGC型 多芯重型硅橡胶绝缘硅橡胶护套耐热电缆
YGZ Multi-core medium-duty silicone rubber insulated and sheathed heat resistant cable
YGC Multi-core medium-duty silicone rubber insulated and sheathed heat resistant cable



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

(续)

导体截面 Cross Section 芯数 × mm ² Core No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core No. × 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	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) Ambient (aerial cable)
(YGC型) 450/750V						
2 × 4	2 × 56/0.30	10.40	11.4	192	4.95	48
3 × 4	3 × 56/0.30	11.00	12.1	249	4.95	35
4 × 4	4 × 56/0.30	12.00	13.2	330	4.95	35
5 × 4	5 × 56/0.30	13.40	14.7	400	4.95	
7 × 4	7 × 56/0.30	14.60	16.1	487	4.95	
3 × 6	3 × 84/0.30	12.70	14.0	352	3.30	42
4 × 6	4 × 84/0.30	13.90	15.3	462	3.30	42
5 × 6	5 × 84/0.30	15.70	17.3	548	3.30	
7 × 6	7 × 84/0.30	17.10	18.8	625	3.30	
4 × 10	4 × 84/0.40	19.50	21.5	709	1.91	71
5 × 10	5 × 84/0.40	22.00	24.2	910	1.91	
4 × 16	4 × 126/0.40	22.30	24.5	1014	1.21	84
4 × 25	4 × 196/0.40	27.30	30.0	1445	0.780	112

▲ 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)