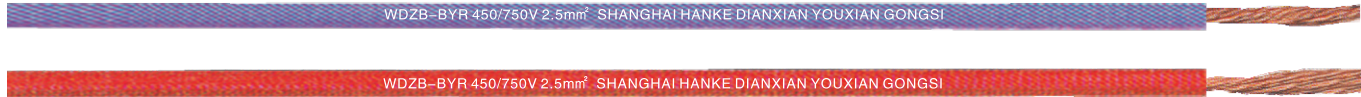


无卤低烟、耐火耐高温电线电缆系列 FIRE AND HIGH TEMPERATURE RESISTANT HALOGEN-FREE LOW-SMOKE WIRES & CABLES



应用范围
WDZB-BYR型系列 无卤低烟阻燃聚烯烃绝缘电线

APPLICATIONS
Intended for crowded places such as high rise buildings or subways where halogenide and other toxic gas emission is not allowed in case of fire.

电线结构
多股裸绞铜丝或镀锡铜丝导体；
无卤低烟阻燃型绝缘；
一般阻燃(WDZ-BYR),B级阻燃(WDZB-BYR),
防鼠咬(WDZ-FSY-BYR)。

WIRE MAKE-UP
Multi-stranded fine bare copper/tincopper conductor
Flame-retardant, halogen-free, low-smoke insulation
General flame retardance (WDZ-BYR),
Level-B flame retardance (WDZB-BYR),
Protection against gopher (WDZ-FSY-BYR)

技术参数
温度范围：-5℃ ~ +90℃
额定电压：U₀/U 450/750V
符合标准：GB/T 19666-2005,GB/T 18380.3-2001
导体标准：GB/T 3956-1997 第2种

TECHNICAL DATA
Operating Temp.: -5℃ ~ +90℃
Rated Voltage: U₀/U 450/750V
Governing Std.: GB/T 19666-2005,GB/T 18380.3-2001
Conductor Std.: Category 2 in GB/T 3956-1997

导体截面 Cross Section mm²	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	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)
2.5	19/0.41	3.65	3.8	36.3	7.41	44
4	19/0.52	4.20	4.4	53.4	4.61	59
6	19/0.64	4.80	5.1	76.0	3.08	75
10	49/0.52	6.68	7.0	134	1.83	101
16	49/0.64	7.76	8.2	193	1.15	137
25	98/0.58	10.08	10.6	316	0.727	182
35	133/0.58	11.10	11.7	414	0.524	228
50	133/0.68	13.00	13.7	569	0.387	293
70	189/0.68	15.36	16.1	774	0.268	358
95	259/0.68	17.48	18.4	1088	0.193	442
120	361/0.65	19.45	20.4	1317	0.153	475
150	361/0.72	21.60	22.7	1668	0.124	553

▲ 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)