



聚烯烃绝缘固定敷设用电缆电线

POLYOLEFIN INSULATED CABLES AND WIRES FOR FIXED INSTALLATION

三、产品型号 Product model

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| ★普通型电缆型号
BYJ—铜芯聚烯烃绝缘电缆（电线）
BYJR—铜芯聚烯烃绝缘软电缆 | ★Common cable model
BYJ polyolefin insulated cables (wires) with copper conductor
BYJR polyolefin insulated flexible cables with copper conductor |
| ★耐火型电缆型号
在普通型电缆型号前加 N | ★Model of fire-resistant cables
To add N prior to the model of common cables |
| ★阻燃型电缆型号
在普通型电缆型号前加 ZA、ZB、ZC | ★Model of flame-resistant cables
To add ZA, ZB, and ZC prior to the model of common cables |
| ★无卤低烟阻燃型电缆型号
在普通型电缆型号前面加 WDZ | ★Model of halogen-free, low-smoke, and flame-resistant cables
To add WDZ prior to the model of common cables |

四、产品作用特性 Product functions and characteristics

- (1) 额定电压 U_0/U 为 450/750V 和 300/500V。
 (2) 电缆的长期允许工作温度 90℃。
 (3) 电缆敷设时的环境温度应不低于 0℃，允许弯曲半径如下：
 电缆外径 (D) 小于 25mm 者，允许弯曲半径应不小于 4(D)。
 电缆外径 (D) 为 25mm 及以上者，允许弯曲半径应不小于 6(D)。
- (1) The rated voltage, U_0/U is 450/750V and 300/500V.
 (2) Long-term allowable operating temperature of cable is 90℃.
 (3) The ambient temperature of the cable shall not be less than 0℃, and the bending radius should be as follows.
 When the diameter of the cable (D) is less than 25mm, the allowable bending radius should not be less than 4D.
 When the diameter of the cable (D) is 25mm or more than 25mm, the allowable bending radius should not be less than 6D.

五、主要技术参数 Main technical parameters

BYJ WDZ-BYJ, WDJ-BYJ (F), WDJZ-BYJ, WDJN-BYJ 450/750V

标称截面 Nominal cross section (mm ²)	导体种类 Conductor type	电缆参考外径 Reference outside diameter (mm)	电缆参考重量 Cable reference weight (kg/km)	20℃时导体最大直流电阻 Maximum DC resistance of conductor at 20℃ (Ω/km)	近似载流量 Approx. ampacity (A)
0.5	1	2.3	7	36.0	16
0.75	1	2.5	9	24.5	20
0.75	2	2.6	10	24.5	20
1.0	1	2.7	12	24.5	24
1.0	2	2.8	12	24.5	24

BYJ WDJ-BYJ, WDJ-BYJ (F), WDJZB-BYJ, WDJZN-BYJ 450/750V

标称截面 Nominal cross section (mm ²)	导体种类 Conductor type	电缆参考外径 Reference outside diameter (mm)	电缆参考重量 Cable reference weight (kg/km)	20℃时导体最大直流电阻 Maximum DC resistance of conductor at 20℃ (Ω/km)	近似载流量 Approx. ampacity (A)
1.5	1	3.2	17	12.1	33
1.5	2	3.3	18	12.1	33
2.5	1	3.9	28	7.41	42
2.5	2	4.0	29	7.41	43
4	1	4.4	42	4.61	56
4	2	4.6	44	4.61	55
6	1	5.0	62	3.08	77
6	2	5.2	63	3.08	77
10	2	6.7	103	1.83	103
16	2	7.8	163	1.15	140
25	2	9.7	254	0.727	171
35	2	10.9	348	0.524	212
50	2	12.8	473	0.387	269
70	2	14.6	672	0.268	335
95	2	17.1	931	0.193	392
120	2	18.8	1168	0.153	444
150	2	20.9	1438	0.124	503
185	2	23.3	1803	0.0991	580
240	2	26.6	2367	0.0754	673
300	2	29.6	2964	0.0601	785
400	2	33.2	3784	0.0470	941

BYJR WDJ-BYJR, WDJ-BYJ(F)R, WDJZB-BYJR 450/750V

标称截面 Nominal cross section (mm ²)	电缆参考外径 Reference outside diameter (mm)	电缆参考重量 Cable reference weight (kg/km)	20℃时导体最大直流电阻 Maximum DC resistance of conductor at 20℃ (Ω/km)	近似载流量 Approx. ampacity (A)
2.5	3.5	29	7.41	42
4	4.1	44	4.61	55
6	4.7	65	3.08	77
10	6.5	113	1.83	103
16	7.5	169	1.15	140
25	9.6	269	0.727	171
35	10.7	359	0.524	212
50	12.6	495	0.387	269
70	14.7	683	0.268	335