



低烟无卤阻燃环保型安装电线

Low smoke halogen free flame retardant and environmental installation wire

产品用途

适用于交流额定电压450/750V及以下的地铁、建筑、商场、剧场、发电站、化学工厂、城市及其他公用事业等对电缆阻燃特性要求高的场所。当火灾发生蔓延速度慢，烟浓度低，可见度高，有害气体释放量小，便于人员撤离。燃烧气体的腐蚀性小，也避免了对仪器设备的损害，低烟、无卤的特性，使得电缆材料在耐老化和耐紫外线及其他敷设性能大大提高，从而延长电缆的使用寿命。

产品执行标准

JB/T 10491-2004

使用特性

- 1、电缆（电线）的额定电压为450/750V；
- 2、导体最高工作温度分为105℃、125℃、150℃；
- 3、最小允许弯曲半径应不小于电缆（电线）外径的4倍。

基本型号及名称 Type and description

| 型号 Type | 名称 Description |
|----------|---|
| WDZ-BYJ | 阻燃铜芯交联聚烯烃绝缘低烟无卤环保型电线 Flame retardant copper core cross-linked polyolefin insulated low smoke halogen free eco-friendly wire |
| WDZN-BYJ | 阻燃铜芯交联聚烯烃绝缘低烟无卤环保型耐火电线 Flame retardant copper core cross-linked polyolefin insulated low smoke halogen free fire resistant eco-friendly wire |
| WDZ-RYJ | 阻燃铜芯交联聚烯烃绝缘低烟无卤环保型软电线 Flame retardant copper core cross-linked polyolefin insulated low smoke halogen free flexible eco-friendly wire |
| WDZN-RYJ | 阻燃铜芯交联聚烯烃绝缘低烟无卤环保型耐火软电线 Flame retardant copper core cross-linked polyolefin insulated low smoke halogen free fire resistant flexible eco-friendly wire |

电缆（电线）的参考外径 Cable (wire) reference outer diameter

| 型号 Type | 额定电压V Rated voltage | 芯数 Number of cores | 规格mm ² Specification |
|----------|------------------------|-----------------------|------------------------------------|
| WDZ-BYJ | 450/750 | 1 | 0.5-240 |
| WDZN-BYJ | | 1 | 0.5-240 |
| WDZ-RYJ | | 1 | 0.5-240 |
| WDZN-RYJ | | 1 | 0.5-240 |

基本电缆规格和结构参数 Cable specification and structural parameter

符合JB/T10491-2004标准规格数据表。

Comply with JB/10491-2004 specification data sheet.

Application

Applicable to AC rated voltage up to and including 450/750V, such as subway, shopping mall, theater, power station, chemical plant, city and other public utilities, which has high demand of cable flame retardant performance. When the fire broke out, the spread is slow, low smoke density, high visibility and little harmful gases, it is convenient for people evacuation. Less corrosive combustion gases, and it also avoid the damage to the equipment, low smoke, zero halogen properties. Cable materials is anti aging and ultraviolet and other radiation resistant performance greatly improved, thus it is extending the cable service life.

Executive standard

JB/T 10491-2004

Service property

1. The rated voltage U_0/U of the cable should be 450/750V;
2. Maximum operating temperature of cable conductor should be 105℃、125℃、150℃;
3. Allowed bending radius of non armored or braided shielded cable should be not less than 4 times outer diameter of the cable.