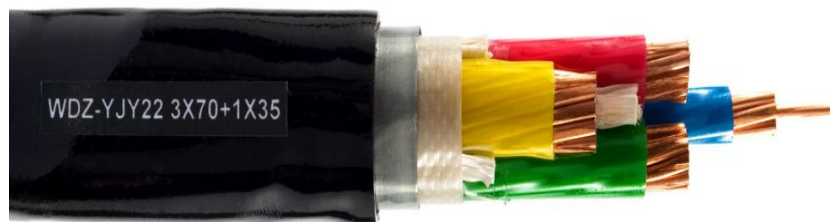


低烟无卤阻燃电力电缆 —— 额定电压 0.6/1KV

Low-Smoke Halogen-free Flame retardant Power Cable —— Rated voltage 0.6/1KV



型号、名称和用途 Model, Name & Application:

Model	Name
WDZA-YJE	交联聚乙烯绝缘,低烟无卤护套,阻燃电力电缆
WDZB-YJE	XLPE insulated,Low-smoke & halogen-free sheathed,Flame retardant Grade A(B,C) power
WDZC-YJE	cable
WDZA-YJE23	交联聚乙烯绝缘,低烟无卤护套,钢带铠装,阻燃电力电缆
WDZB-YJE23	XLPE insulated,Low-smoke & halogen-free sheathed,Steel tape armored, Flame retardant
WDZC-YJE23	Grade A(B,C) power cable
WDZA-YJE33	交联聚乙烯绝缘,低烟无卤护套,钢丝铠装,阻燃电力电缆
WDZB-YJE33	XLPE insulated,Low-smoke & halogen-free sheathed,Steel wire armored, Flame retardant
WDZC-YJE33	Grade A(B,C) power cable
WDZA-YJFE	辐照交联聚乙烯绝缘,低烟无卤护套,阻燃电力电缆
WDZB-YJFE	Radiant XLPE insulated,Low-smoke & halogen-free sheathed,Flame retardant Grade A(B,C)
WDZC-YJFE	power cable
WDZA-YJFE23	辐照交联聚乙烯绝缘,低烟无卤护套,钢带铠装,阻燃电力电缆
WDZB-YJFE23	Radiant XLPE insulated,Low-smoke & halogen-free sheathed,Steel tape armored, Flame
WDZC-YJFE23	retardant Grade A(B,C) power cable
WDZA-YJFE33	辐照交联聚乙烯绝缘,低烟无卤护套,钢带铠装,阻燃电力电缆
WDZB-YJFE33	Radiant XLPE insulated,Low-smoke & halogen-free sheathed,Steel wire armored, Flame
WDZC-YJFE33	retardant Grade A(B,C) power cable

使用特性 Operating characteristics:

工作额定电压 Rated voltage U_0/U : 0.6/1kv

电缆导体的最高长期允许工作温度

Max. Permissible continuous operating temperature of conductor : 90°C

短路时 (最长持续时间不超过 5s) 电缆导体的最高温度不超过 250。

Max. Short circuit temperature of conductor (Max. Duration time: 5s) should not exceed 250°C.

电缆敷设时环境温度应不低于 0°C, 低于 0°C应预先加温。

The cable should be heated during installing when ambient temperature is below 0°C.

电缆弯曲半径不小于电缆外径的 15 倍。

The bending radius of cable should not be less than 15 times of cable diameter.

成品电缆燃烧时绝缘和护套材料的 PH 值、电导率符合下表的规定。

PH value and conductivity of insulation and sheath materials should suit below indexes while the finished cable burning.

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燃烧气体的腐蚀性 Corrosiveness of combustion gases	单位 Unit	指标 Index
PH 值 PH value	-	≥4.3
电导率 Conductivity	μ s/mm	≤10

成品电缆燃烧时的最小透光率不小于 60%。

The min. light transmittance should not be less than 60% when the finished cable burning.

技术性能 Technical Property:

热延伸试验 Thermal extension test:

处理条件 Treat condition:

1. 空气温度 Air temperature: $200 \pm 3^{\circ}\text{C}$
2. 载荷时间 Loading time: 15min
3. 机械应力 Mechanical stress: 20 N/cm^2

测试结果 Test result:

1. 载荷下最大伸长率 Max. Elongation under loading: 175%
2. 冷却后最大永久伸长率 Max. Permanent Elongation after cooling: 15%