

1kV and below overhead insulated cables

Introduction

Hard copper, annealed copper, aluminum or steel core aluminum stranded wire conductor; cross-linked polyethylene or high-density polyethylene or polyvinyl chloride insulation; rated voltage 1kV. Suitable for overhead power lines with AC rated voltage of 1KV and below.

Model

JKYJ、JKY、JKLV、JKLYJ、JKLY、JKLV、JKLHYJ、JKLHY、JKLHV、JKTRYJ、JKTRY、JKGYJ, etc.

Application Areas

- Urban power system
- Residential and commercial areas
- Special Environment
- Industrial power supply
- Farmland power construction

Parameters

Rated Voltage	10KV	Conductor Material	Copper or aluminum
Conductor Structure	Single or twisted conductor	Insulation Materials	Cross-linked polyethylene (XLPE)
Shielding Materials	No shielding structure	Outer Sheath Material	Polyethylene (PE) or polyvinyl chloride (PVC)
Outer Sheath Thickness	1.5 mm ~ 3.0 mm	Operating Temperature	-30°C
Short Circuit Temperature	Max. 150°C	Cable Structure	Single-core or multi-core design
Current Carrying Capacity	10A ~ 200A (specific value depends on specifications and environment)	Dimensions And Weight	Outer diameter 10mm ~ 30mm; weight 1.0kg/m ~ 3.0kg/m
Fire Performance	Conforms to GB/T18380.1-2008 flame retardant standard		

Features

- ### 001 Excellent electrical performance

 - Stable current transmission
 - Excellent insulation performance
- ### 002 Excellent mechanical strength

 - Anti-stretching and anti-bending capabilities
 - Strong pressure resistance
- ### 003 Weather resistance and strong adaptability

 - High and low temperature resistance
 - Anti-ultraviolet
- ### 004 Fire performance

 - Flame retardant design
- ### 005 Environmental protection and safety

 - Non-toxic materials
 - Low smoke and halogen-free

The cable should be packed in a wooden or steel reel to prevent moisture and shock. Avoid moisture, pressure or damage during transportation and ensure it is firmly fixed. Store in a dry and ventilated environment with a temperature of 5°C to 30°C and a humidity of less than 85%.