

10KV overhead insulated cable

Introduction

Hard copper, annealed copper, aluminum or steel core aluminum stranded wire conductor; cross-linked polyethylene or high-density polyethylene insulation, ordinary insulation or light insulation; rated voltage 10kV, suitable for overhead power lines with AC rated voltage of 10kV.

Model

JKYJ, JKY, JKLV, JKLYJ, JKLY, JKLV, JKLYJ, JKLYH, JKLVH, JKTRYJ, JKTRY, JKGJY, etc.

Application Areas

Urban power grid construction

Rural power transformation

Industrial power transmission

Adaptation to complex environment

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	-20°C ~ +70°C
Short Circuit Temperature	Max. 250°C	Cable Structure	Single-core or multi-core design
Current Carrying Capacity	Depends on the cable cross-section size and specific application environment	Dimensions And Weight	Varies according to the number of cores, specifications, and sheath types
Fire Performance	Flame retardant performance meets relevant standards	Minimum Operating Temperature	-40°C (adapted to severe cold environment)

Features

001 Excellent electrical performance

- High conductivity and low resistance for long-distance transmission.
- Strong insulation for reliable transmission.

002 Strong weather resistance

- Resistant to aging, extreme temperatures, moisture, and UV rays.
- Suitable for harsh environments.

003 High economic efficiency

- Cluster design reduces cable use and construction cost.
- Lowers line losses, boosting efficiency.

004 Convenient construction

- Simplifies laying and reduces labor costs.
- Flexible for different installation needs.

005 Excellent safety

- Insulation prevents short circuits and accidents.
- High-strength neutral wire ensures stability.

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%.