

Overhead bundled insulated wires

Introduction

Copper or aluminum conductor; PVC or polyethylene or cross-linked polyethylene insulation. Two, three or four insulated wires connected in parallel. Applicable to newly built or rebuilt overhead lines with a rated voltage of 380V/220V. Parallel bundled insulated wires should be used in the following areas: 1. Township streets, densely populated areas 2. Green areas and forest belts; 3. Severely polluted areas; 4. Rural low-voltage branch lines and household lines; 5. Remote rural areas with small loads.

Model

BS1-JKLYJ BS2-JKLYJ BS3-JKLYJ
BS1-JKLY BS2-JKLY BS3-JKLY BS1-JKLV
BS2-JKLV BS3-JKLV BS1-JKYJ
BS2-JKYJ BS3-JKYJ BS1-JKV BS2-JKV
BS3-JKV etc. The rated voltage of two-core cables is 0.6kV; the rated voltage of three-core and above cables is 1kV.

Application Areas

Rural power grid transformation

Urban power grid

Mountains and forests

Industrial and Mining Enterprises



Parameters

Rated Voltage	0.6/1kV	Conductor Material	Aluminum or aluminum alloy
Conductor Structure	Stranded conductor	Insulation Materials	High-density polyethylene (HDPE) or cross-linked polyethylene (XLPE)
Insulation Thickness	1.0 mm ~ 2.0 mm	Number Of Cores	2 core, 3 core, 4 core (including neutral wire)
Neutral Wire Material	Aluminum, aluminum alloy or steel core aluminum stranded wire	Operating Temperature	-20°C ~ +80°C
Minimum Operating Temperature	-40°C (suitable for extremely cold regions)	Short Circuit Temperature	Max. 250°C
Tensile Strength	≥70 MPa	Laying method	Overhead laying
Protection performance	Strong corrosion resistance and weather resistance	Cable cross section range	10 mm ² ~ 150 mm ² ; Neutral conductor cross-section range: 10 mm ² ~ 120 mm ²

Features

Excellent electrical performance

- Stable current transmission
- Excellent insulation performance

Excellent mechanical strength

- Anti-stretching and anti-bending capabilities
- Strong pressure resistance

Weather resistance and strong adaptability

- High and low temperature resistance
- Anti-ultraviolet

Fire performance

- Flame retardant design



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%.