

## 35KV single-core intermediate connection

It is applicable to 21/35, 26/35kv 1 core PVC and XLPE power cable with characteristics of waterproof, stress control, shielding and insulation. With good electrical and mechanical properties, it can be used in a variety of harsh environment for long-term use. It has advantage of small size, light weight and easy installation. It is widely used in electric power, petroleum, chemical industry, metallurgy, railway, port and construction and other fields.

### Product

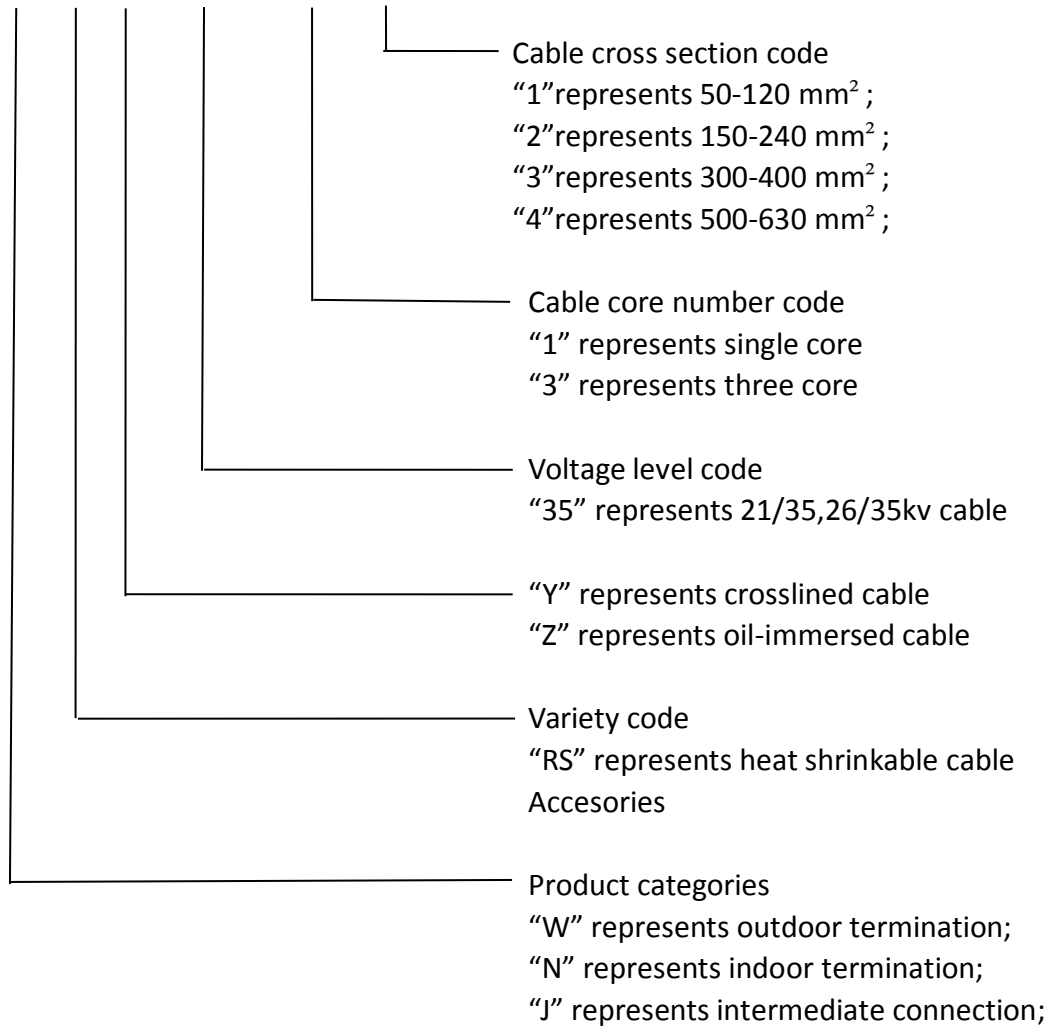


### Specification

Product Name	Model	Cable cross section(mm <sup>2</sup> )
35KV single-core intermediate connection	JRSY-35/1.1	50-120
	JRSY-35/1.2	150-240
	JRSY-35/1.3	300-400
	JRSY-35/1.4	500-630

## Model implication

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## Technical Data

No.	Items	Requirements	
1	AC withstand voltage test	156kv 15 min	
2	Partial discharge test	$\leq 10Pc$ (1.7 $U_0$ )	
3	Impulse voltage test	250kv 1.2/50 $\mu s$ *10times	
4	Power frequency withstand voltage test	78kv 4h	
5	Wet condition power frequency withstand voltage test (outdoor)	105kv 1min	
6	Dry condition power frequency withstand voltage test (indoor)	105kv 1min	
7	Main heat shrinkable material	Shore hardness(A)	84 $\pm$ 3
8		Tensile strength (Mpa)	$\geq 12$
9		Shrinkage temperature (°C)	120~140
10	Insulation tubing	Volume resistivity ( $\Omega \cdot cm$ )	$\geq 1 \times 10^{14}$
11		Breakdown strength(kv/mm)	$\geq 20$
12	Heat shrinkable stress control tube	Dielectric constant( $\epsilon$ )	$\approx 25$