

10KV single-core outdoor termination

It is applicable to 3.6/6, 6/10, 8.7/10,8.7/15kv 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 advantages 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

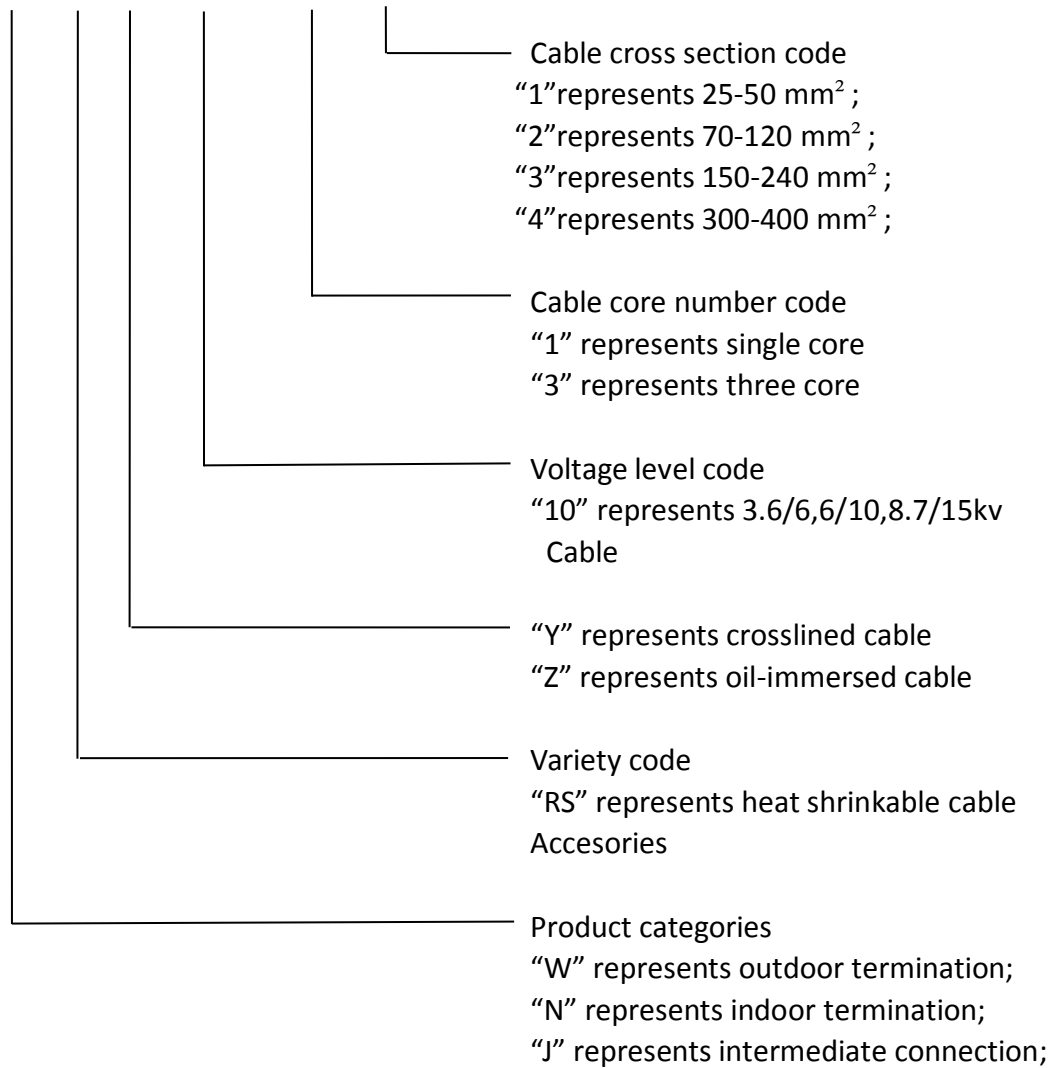


Specification

Product Name	Model	Cable cross section(mm ²)
10KV single-core outdoor termination	WRSY-10/1.1	25-50
	WRSY-10/1.2	70-120
	WRSY-10/1.3	150-240
	WRSY-10/1.4	300-400

Model implication

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Technical Data

No.	Items	Requirements	
1	AC withstand voltage test	39kv 5 min	
2	Partial discharge test	$15\text{kv} \leq 10P_c$ ($1.7U_0$)	
3	Impulse voltage test	95kv 1.2/50 μs +10times	
4	AC withstand voltage	35kv 4h	
5	Wet condition power frequency withstand voltage test (outdoor)	39kv 5min	
6	Dry condition power frequency withstand voltage test (indoor)	39kv 5min	
7	Main heat shrinkable material	Shore hardness(A)	84 ± 3
8		Tensile strength (Mpa)	≥ 12
9		Shrinkage temperature ($^{\circ}\text{C}$)	120~140
10	Insulation tubing	Volume resistivity ($\Omega \cdot \text{cm}$)	$\geq 1 \times 10^{14}$
11		Breakdown strength(kv/mm)	≥ 20
12	Heat shrinkable stress control tube	Dielectric constant(ϵ)	≈ 25