

11kv Light Weight Line Post Composite Polymer Horizontal Stand Insulator

Model:HLPI-11/12.5C450



Jecsany is a leading China 11kv Light Weight Line Post Composite Polymer Horizontal Stand Insulator manufacturer, supplier and exporter. Insulator is suitable for power facilities. It has good hydrophobicity, ageing resistance, tracking and electrical erosion resistance, also it has high bending resistance, torsion resistance, impulse resistance, Shockproof and brittle performance, light weight, convenient installation. If the mounting dimensions in the top and bottom is the same as the corresponding porcelain post insulator, then it can be interchangeable.

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Product Description

Buy 11kv Light Weight Line Post Composite Polymer Horizontal Stand Insulator made in China. Jecsany is a 11kv Light Weight Line Post Composite Polymer Horizontal Stand Insulator manufacturer and supplier in China. This insulator is applied to high voltage power line service. And it has features of good hydrophobicity, anti-ageing, anti-leakage trace and electric erode proof, tensile strength and bending strength, strong mechanical strength, shock resistance, good quake proof and brittle failure proof, light weight, easy for installation, and the installation size of top and base is the same as porcelain type line post insulator. They can replace each other.

Product Parameter (Specification)

Product Model	Rated Voltage	Rated mechanical Bending load(KN)	Overall Height H(mm)	Insulating Distance L(mm)	Min Creepage Distance (mm)	Lighting Impulse Withstand Voltage (peak)(kv)	P.F.Withstand Voltage (virtual value) (kv)
HLPI-11/12.5C450	11	12.5	425	177	450	110	30
HLPI-11/8C450	11	8	374	169	450	110	30

Product Feature And Application

Our company specially produces composite insulator for power transmission line, the important structure is made of shed housing, epoxy fiberglass core and metal end fittings. The surface of terminal end fittings is covered with zinc coating (hot-dip galvanization) for corrosion protection. Compared with same type ceramic and glass insulator, silicone rubber insulator has the following advantages:

- (1) Small volume, light weight (is 1/7~1/10 times than ceramic insulator in the same voltage), sheds have good elasticity, not broken, convenient transportation and installation, economy.
- (2) High mechanical strength. FRP ROD has high tensile strength, which is 5-10 times than ceramic materials, for core is small cross section, which makes the products small size, light weight, high tensile strength, and easy to manufacture more than 300KN large tons insulators.
- (3) High antifouling property, good aging resistance performance, the sheds made of silicone rubber injection mold has good hydrophobicity and migration, which makes insulator high anti pollution flashover voltage and good electric corrosion resistance.
- (4) Easy installation and maintenance, can greatly reduce outage loss which cause due to maintenance and maintenance charges which cause by manual labor intensity.
- (5) Simple production process, short delivery time.

Product Details

Transmission and Distribution Line
Installation Diagram



