

Overview

The silicone rubber shed adopt the whole packing pressure technique, and then to solve the key problem – interface electric spark puncture, which would affect the reliability of composite insulator.

The connection of the glass fiber rod and metal fittings adopts the pressure welding technique of the international advanced level and have the full automatic sound wave detection of defects system, high intension, beautiful outline, small volume, light weight, and the metal fitting of galvanization can corrosion prevention and exchange used with porcelain insulator.

The polymer composite pin insulator is reliable structure, can't damage the core rod, and take full advantage of the mechanical strength.



Parameter

Item No.	Dimensions					Mechanical		Electrical			
	Height (mm)	Min Dry Arcing Distance (mm)	Min Creepage Distance (mm)	Diameter of the rod (mm)	Number of sheds	Max Design Cantilever Load (MDCL) (kN)	Specified Cantilever Load (SCL) (kN)	Rated Voltage kV	Highest Voltage kV	Lightning Impulse Withstand BIL kV	Power Frequency Flashover Voltage (Dry/Wet) kV
FPQ-11/4	235	200	345	24	2	4	2	11	12	95	38
FPQ-18/5	245	210	450	24	3	5	2.5	18	15	95	45/40
FPQ-27/3	340	290	660	24	5	3	1.5	24	27	160	60
FPQ-33/12.5	430	370	1040	38	5	12.5	6.25	33	36	230	95