

Composite Insulator Series

Polymeric Pin Insulator

1 General

1.1 Ratings: up to 36kV.

1.2 Application: for lines supporting, suspending and insulation of power transmission & distribution system.

1.3 Standard: IEC 61109: 2008, ANSI, etc.

2 Type Designation



3 Working Condition

3.1 Ambient air temperature: $-50^{\circ}\text{C} \sim +50^{\circ}\text{C}$

3.2 Altitude: $\leq 3000\text{m}$

3.3 Frequency: $\leq 100\text{Hz}$

4 Main Technical Parameter

Model	Rated voltage (kV)	Specified mechanical load (kN)	Spacing H (mm)	Arcing distance (>mm)	Minimum creepage distance (\geq mm)	Lightening impulse withstand voltage (\geq kV _p)	wet power frequency withstand voltage (\geq kV _{r.m.s.})	Fig. NO.
FPW-12/5	12	5	248	195	315	100	45	1
	12	5	228	195	315	100	45	2
FPW-15/5	15	5	268	215	450	120	50	3
	15	5	248	215	450	120	50	4
FPW-24/8	24	8	308	250	480	150	60	5
	24	8	288	250	480	150	60	6
FPW-36/5	36	5	413	340	900	180	80	7
	36	5	393	340	900	180	80	8

5 Overall and Installation Dimension

