

Composite pin insulators

Composite pin insulators are for use on overhead distribution lines and shall be suitable for outdoors in contamination areas. The pin insulators shall be supplied complete with hot dip galvanized steel pin with nut, spring washer and a lock nut for mounting the insulator to the crossarms. The top and side grooves shall be designed to accept required conductor sizes.



Main parameters:

Voltage Range: 1kV~400kV

Mechanical bending load: 4kN, 10kN, 12.5kN and as per client's request

Colour: Red and grey

Composite pin insulator complies with following standards:

- IEC60383
- IEC61109

Type	FPQ-10/3T	FPQ-10/4T	FPQ-20/12.5	FPQ-35/4
Rated Voltage(kV)	10	10	20	35
Mechanical Tensile Load (kN)	4	4	12.5	4
Coupling length H. (mm)	215	250	350	430
Minimum Arcing distance (mm)	120	160	230	315
Minimum Creepage distance(mm)	300	360	560	1050
Power Frequency Wet Withstand Voltage(kV)	42	42	85	95
Lightning Impulse Withstand Voltage (kV)	95	105	185	265

For additional specifications please contact our customer service.