

Line Post Insulators

Porcelain Insulators



Catalog	P2127G
Dimensions (Inches)	
Minimum Creepage Distance	15
Maximum Dry Arcing Distance	7 - 3/4
Mechanical Values	
Cantilever Falling Load	12.5 kN
Cantilever Test Load	6.7 kN
Electrical Values	
PF Flashover Voltage Dry	95 kV
PF Flashover Voltage Wet	65 kV
Lighting Impulse Flashover Voltage Positive	135 kV
Lighting Impulse Flashover Voltage Negative	190 kV
Radio Influence Low Frequency Test Voltage Data	
Test Voltage to Ground	20 kV
Maximum RIV at 1000 kHz	50 kV
Weight	
Minimum Net Weight	10 lbs
Packing Weight Per Unit	13 lbs
Standard Packing Quantity	4



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Catalog	P57-11G	P57-12G
ANSI	57-11	57-12
Dimensions (Inches)		
Leakage Distance	14	22
Dry Arcing Distance	6 - 1/2	9 - 1/2
Height of Middle of Single Cap Screw	10	13
Diameter	6	6 - 1/2
Mechanical Values		
Cantilever Strength	2800 lbs	2800 lbs
Cantilever Proof Load	1120 lbs	1120 lbs
Electrical Values		
Typical Line Voltage Application	25 kV	35 kV
Low Frequency Flashover Voltage Dry	70 kV	110 kV
Low Frequency Flashover Voltage Wet	50 kV	85 kV
Critical Impulse Flashover Voltage Positive	120 kV	180 kV
Critical Impulse Flashover Voltage Negative	155 kV	205 kV
Radio Influence Low Frequency Test Voltage Data		
Test Voltage to Ground	15 kV	22 kV
Maximum RIV at 1000 kHz	100 kV	100 kV
Weight		
Minimum Net Weight	16 lbs	25 lbs
Packing Weight Per Unit	19 lbs	27 lbs
Standard Packing Quantity	3	2
Insulator Coatings		
Gray Glaze	Standard	Standard

*RUS ACCEPTED



POWERLINE HARDWARE

6841 Phillips Parkway Drive S, Jacksonville, Florida 32256
 Phone : 904-288-9880, Fax : 904-268-9717

E-mail : sales@powerlinehardware.com | Website : www.powerlinehardware.com

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Porcelain Insulators



Catalog	P57-21G	P57-22G
Dimensions (Inches)		
Leakage Distance	14	22
Dry Arcing Distance	6 - 1/2	9 - 1/2
Height of Middle of Single Cap Screw	10 - 1/8	13 - 1/8
Diameter	6	6 - 1/2
Mechanical Values		
Cantilever Strength	2800 lbs	2800 lbs
Cantilever Proof Load	1120 lbs	1120 lbs
Electrical Values		
Typical Line Voltage Application	25 kV	35 kV
Low Frequency Flashover Voltage Dry	70 kV	110 kV
Low Frequency Flashover Voltage Wet	50 kV	85 kV
Critical Impulse Flashover Voltage Positive	120 kV	180 kV
Critical Impulse Flashover Voltage Negative	155 kV	205 kV
Radio Influence Low Frequency Test Voltage Data		
Test Voltage to Ground	15 kV	22 kV
Maximum RIV at 1000 kHz	100 kV	100 kV
Weight		
Minimum Net Weight	15 lbs	21 lbs
Packing Weight Per Unit	18 lbs	25 lbs
Standard Packing Quantity	2	2
Insulator Coatings		
Gray Glaze	Standard	Standard

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Porcelain Insulators



Catalog Number	P57-1G	P57-2G	P57-3G
Dimensions (Inches)			
Leakage Distance	14	22	29
Dry Arcing Distance	6-1/2	9-1/2	12-1/4
Mechanical Values (Ultimate)*			
Cantilever Strength (lbs)	2,800	2,800	2,800
Electrical Values (kV)			
Usual Line Voltage	25	35	45
Low Frequency Dry Flashover	70	100	125
Low Frequency Wet Flashover	50	70	95
Impulse Flashover, Positive	120	160	200
Impulse Flashover, Negative	155	205	260
Radio Influence Voltage Data			
Test Voltage, RMS to Ground (kV)	15	22	30
Maximum RIV at 1000 kHz (µV)	100	100	200
Packing & Shipping Data			
Net weight Each (lbs)	14.3	19.1	26.3
Packed Weight Each (lbs)	17.6	23.9	30.6
Standard Package Quantity	4	3	2

*Maximum Recommended Working Load = 40% of Cantilever Rating. Gray Glaze is Standard



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