



Porcelain Insulator, Weight: 169.3 lb

Catalog ID: 07F6E5N

Porcelain Insulator is one kind of power line hardware used in power line transmission system.

Other types of insulator include Suspension insulators, Pin insulators, Strain Insulators, Stay Insulators, Spool insulators, Line post insulators.



PRODUCT DETAILS

General

Application	Station Post
Cantilever Bending Strength – Routine	2203 lb
Fitting – Ground/Base	5" BOLT CIRCLE
Fitting – Live Line End	5" BOLT CIRCLE
Material	Porcelain
Material – End Fitting	Galvanized Steel
Number of Sheds	28
Tensile Strength	High Strength
Tension Range	24998 lb
Torsional Strength	90012 in-lbs. (10170 N-m)

Dimensions

Diameter – Shed(s)	8.27" (210 mm)
Height	54 in (1371.6 mm)
Weight	169.3 lb (76.79 kg)

Electrical Ratings

BIL	650 kV
Creep and Leakage Distance	116" (2947 mm)
Critical Impulse Flashover (CIFO) – Negative	900 kV
Critical Impulse Flashover (CIFO) – Positive	710 kV
Flashover Voltage – 60 Hz Dry	435 kV
Flashover Voltage – 60 Hz Wet	335 kV
Voltage Application	138 kV
Withstand Voltage – 60 Hz Wet	275 kV

Certifications and Compliance

Industry Standard(s)	ANSI C29.9
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RESOURCES AND DOWNLOADS

Specifications	Download PDF
Technical Drawings	Download PDF

For further technical assistance, please contact us

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