



ANSI Low & Med Voltage Pin Insulator (Class 55 Series)

High-performance wet process porcelain pin insulators engineered for low and medium voltage distribution lines. Fully compliant with **ANSI Standard C29.5**. Available in Classes 55-1 through 55-5. Features optional Semi-Conducting Glaze (Radio Free).

- **Compliance:** ANSI C29.5 Standard
- **Material:** Wet Process Porcelain
- **Range:** Class 55-1 to 55-5
- **Feature:** Low Radio Interference (RIV)

TECHNICAL SPECIFICATIONS (ANSI C29.5)

ANSI CLASS	55-1	55-2	55-3	55-4	55-5
Cantilever Strength (lbs)	3,000	2,500	2,500	3,000	3,000
Low Freq Dry Flashover (kV)	35	50/45	65/55	70/65	85/80
Low Freq Wet Flashover (kV)	20	25	35/30	40/35	45
Impulse Flashover Pos. (kV)	50	75/70	100/90	110/105	140/130
Creepage Distance (inch)	4	5	7	9	12
Test Voltage to Ground (kV)	5	5	10	10	15
Max RIV at 1000 kHz (µV)	2500/50	2500/50	5500/50	5500/50	8000/100

ENGINEERING DRAWING (FIG. 55-1 ~ 55-5)

