



SUSPENSION INSULATORS ANSI C29.2 CLASS 52

Akron Porcelain and Plastics Company offers a comprehensive product line of porcelain ball-socket and clevis type suspension insulators for modern high voltage and in cases EHV applications. Product is to ANSI Class 52 standards for normal and high strength to 40,000 lbs suspension. The high suspension strength is broadly employed where a greater safety factor is required or when extra long span transmission lines may be dead ended. Suspension hardware is also available.

Dimension and sizing detail for porcelain suspension insulators Classes 52-1 to 52-4 are covered here. For ANSI standards from class 52-4 to class 52-10 please refer your inquiry to AP&P.



Akron Porcelain & Plastics Co.
2739 Cory Avenue,
Akron Ohio 44314

330-745-2159 | 800-737-9664
sales@akronporcelain.com

SUSPENSION INSULATORS
ANSI C29.2 CLASS 52

Stock #	521KG	523KG	524KG
Dimensions (in.) Leakage Distance Dry Arcing Distance	7 4.5	11-1/2 7.8	11-1/2 7.8
Mechanical Values (lbs.) Combined M&E Strength Impact Strength (inch-pounds) Routine Proof Test Load Time Load Test Value Maximum Working Load	10,000 45 5,000 6,000 5,000	15,000 55 7,500 10,000 7,500	15,000 55 7,500 10,000 7,500
Electrical Values (kV) Low Frequency Dry Flashover Low Frequency Wet Flashover Impulse Flashover, Positive Impulse Flashover, Negative Low Frequency Puncture Volt.	60 30 100 100 80	80 50 125 130 110	80 50 125 130 110
Radio Influence Voltage Data Test Voltage, RMS to Ground (kV) Maximum RIV at 1000 kHz (µV)	7.5 50	10 50	10 50
Packing & Shipping Data Net weight Each (lbs.) Packed Weight Each (lbs.) Standard Package Qty.	5.73 6.81 12	11.46 14.12 6	11.46 14.03 6

ANSI - 70 Gray Glaze is Standard



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