



### CHARACTERISTICS

|                         |              |
|-------------------------|--------------|
| Nominal Voltage Rating: | 138kV        |
| Color:                  | ANSI-70 Gray |
| Standard:               | ANSI C29.9   |
| Approx Weight:          | 308 lbs      |

### DIMENSIONS

|                           |      |
|---------------------------|------|
| Minimum Leakage Distance: | 116" |
|---------------------------|------|

### MECHANICAL VALUES

|                                 |               |
|---------------------------------|---------------|
| Cantilever Strength – Upright   | 4100 lbs      |
| Cantilever Strength – Underhung | 4100 lbs      |
| Tensile Strength                | 40000 lbs     |
| Torsion Strength                | 120000 in-lbs |
| Compression Strength            | 120000 lbs    |

### ELECTRICAL VALUES

|                              |       |
|------------------------------|-------|
| Impulse Flashover – Positive | 710kV |
| 60HZ Withstand – Wet         | 275kV |
| Impulse Withstand - BIL      | 650kV |

### RADIO INFLUENCE VOLTAGE DATA

|                             |       |
|-----------------------------|-------|
| 60HZ Test Voltage To Ground | 88kV  |
| Max RIV @ 1MHZ              | 200uV |

**Outdoor Station Post Insulator**  
**650EHS**  
**Extra High Strength**  
**650kV BIL**



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