

## Quadri\*Sil Braced Line Post Insulator

By OHIO BRASS  
Catalog # [BLP053P00000](#)

Quadri\*Sil Braced Line Post 161kV. Pivoting



\*Representative Image

### Features

- Combines a suspension and post insulator for increased mechanical capabilities
- Higher transverse capacity
- Increased vertical loading
- Compact design reduces right-of-way

### Application

Pivoting Horizontal V Assembly

### General

|  |                                |
|--|--------------------------------|
| Fitting - Ground End                                 | Pivot                          |
| Fitting - Live Line End                              | Two Hole Blade                 |
| Material   | Silicone                       |
| Material - End Fitting                               | Galvanized Steel               |
| Shed Style   | Uniform                        |
| Strength Rating - Minimum Ultimate, Longitudinal (L) | 7500 lb                        |
| Strength Rating - Minimum Ultimate, Vertical (V)     | 10070 lb                       |
| Tensile Strength                                     | 7500 lb.                       |
| Type   | Pivoting Horizontal V Assembly |

### Dimensions

|                               |                         |
|-------------------------------|-------------------------|
| Diameter - Shed(s)            | 5.06                    |
| Dimensions                    | 10 in x 10 in x 60.0 in |
| Distance From Pole            | 22 in                   |
| Height                        | 60.0 in                 |
| Length                        | 10 in                   |
| Length - Brace Section        | 72.1                    |
| Length - Effective            | 65.2 in                 |
| Length - Suspension Insulator | 65.1                    |
| Rod Diameter                  | 2.5                     |
| Width                         | 10 in                   |

### Electrical Ratings

|  |        |
|--|--------|
| Arc Distance - Dry                               | 50     |
| Creep and Leakage Distance                       | 132    |
| Critical Impulse Flashover (CIFO) - Negative     | 790    |
| Critical Impulse Flashover (CIFO) - Positive     | 760    |
| Flashover Voltage - 60 Hz Dry                    | 485 kV |
| Flashover Voltage - 60 Hz Wet                    | 450 kV |
| Voltage Rating                                   | 161 V  |
| Withstand Voltage - 60 Hz Dry                    | 485    |
| Withstand Voltage - 60 Hz Wet                    | 335 kV |
| Withstand Voltage - Lightning Impulse (Negative) | 710 kV |
| Withstand Voltage - Lightning Impulse (Positive) | 680 kV |

### Certifications and Compliance

|                      |      |
|----------------------|------|
| Industry Standard(s) | ANSI |
|----------------------|------|

### Product Assets

[Catalogs - Quadri\\*Sil Braced Line Post Insulators Catalog \(CA08051E\)](#)

[Sales Drawings - Quadri Sil Braced Line Post Assy \(BLP053P00000\) \(Reference Only\)](#)

[Video - Ohio Brass Polymer Insulator Tester \(VI08041E1015\)](#)

[Video - Ohio Brass Vertical Load Test-345KV BLP-250 series post-R01 \(VI0820E\)](#)

