Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

## MT-SPI-345KV-1300KV-106IN-M9

# 345 kV Station Post Insulator, Polymer Type, 1300 kV BIL, 106 Inches Total Length, 7 Inches Bolt Circle Bottom, 5 Inches Bolt Circle Top, Underhung (Inverted)

**Product ID: 333356**



Image: MT-SPI-345KV-1300KV-106IN-M9

**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

**MT-SPI-345KV-1300KV-106IN-M8 Station Post Insulator**
**Unit Type:** Station Post Insulator, Polymer Type
**Rated Voltage:** 345 kV
**BIL Voltage:** 1300 kV
**Critical Impulse Flashover Voltage Pos.:** 1410 kV
**Power Frequency Withstand Voltage, Dry:** 700 kV
**Power Frequency Withstand Voltage, Wet:** 525 kV
**Radio Influence Test Voltage to Ground:** 220 kV
**Maximum RIV at 1000kHz:** 1000 µV
**Min. Arcing Distance:** 96.5 inches
**Creepage Distance:** 287 inches
**Cantilever Mech. Strength:** 1,000 lbf
**Tension Strength:** 25,625 lbf
**Torsion Strength:** 17,701.49 in.lbf
**Compression Strength:** 8,767.55 lbf
**Total Length:** 106"±5/32"
**Top Mounting Flange Diameter:** Ø5"±5/256" BCD
**Top Mounting Flange Holes:** (4) Tapped Holes 5/8 "-11 UNC, 0.015" O/S, 0.787" Deep
**Bottom Mounting Flange Diameter:** Ø7"±5/256" BCD
**Bottom Mounting Flange Holes:** (4) Tapped Holes 5/8 "-11 UNC, 0.015" O/S, 0.787" Deep
**Fitting Material:** Galvanized Steel
**Housing Material:** Polymer

**Ratings:**
ANSI C 29.9
ASTM 123

**Special Orders - Special Requirements**

**Color:** Grey
**Mount:** Underhung (Inverted)
**Weight:** 316.8 lbs
**Shipping Dimensions:** -
**Shipping Weight:** -
Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Contact us for special requirements
**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**Fax:** 1-903-765-7664
**E-mail:** sales@larsonelectronics.com

*All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250*

**Made in the USA**

**The robust range of station post insulators is designed to support and stabilize power station infrastructure. Our station post insulators are engineered for superior durability and reliability, ensuring optimal performance under various operational conditions. Ideal for enhancing the efficiency and safety of power grids, the MT-SPI-345KV-1300KV-106IN-M9 station post insulator meets the highest standards of quality.**

***PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

The MT-SPI-345KV-1300KV-106IN-M9 Station Post Insulator, polymer type, is compatible with 345 kV rated voltage systems. It's Basic Insulation Level is 1300 kV with total length 106 inches

**Mount:** Operators can mount the SPI underhungly.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

# Frequently Asked Questions (FAQ)

There are no Faqs