

MT-SPI-138KV-650KV-54IN-M6

138 kV Station Post Insulator, Composite Type, 650 kV BIL, 54 Inches Total Length

Product ID: 332491



Image: MT-SPI-138KV-650KV-54IN-M6

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-138KV-650KV-54IN-M5 Station Post Insulator

Unit Type: Station Post Insulator, Porcelain Type

System Voltage: 138 kV

Low Frequency Withstand Voltage, Wet, 10 sec.: 275 kV

Low Frequency Withstand Voltage, Wet, 10 sec.: 315 kV

BIL Voltage: 650 kV

Impulse Flashover-Positive: 710 kV

Min. Arcing Distance: 49 inches

Min. Creepage Distance: 116 inches (2946 mm)

Total Length: 54 ± 0.03 inches

Radio Influence Voltage (60 Hz Test Voltage to Ground): 88 kV

Radio Influence Voltage (Max. RIV @ 1 MHz): 200 µV

Number of Sections: (1)

Cantilever Strength (Upright/Underhung): 2200 lbs

Tensile Strength: 20,000 lbs

Torsion Strength: 40,000 in-lb

Compression Strength: 60,000 lbs

Core Material: Fiberglass Reinforced Epoxy Rod

Housing Material: Silicone Rubber (HTV)

Fitting Material: Galvanized Steel

Top Bolt Circle: 5.0 inches

Ratings

Complies with ANSI C29.9

Bottom Bolt Circle: 7.0 inches

Top (Tap + 0.015): 5/8-11

Top (Min. Thread): 0.71

Bottom (Tap + 0.015): 5/8-11

Bottom (Min. Thread): 0.63

Mount: Horizontal or Vertical Mount

Weight: -

Shipping Dimensions: 13.78" x 13.78" x 51.18"

Shipping Weight: 190 lbs

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.

Special Orders - Special Requirements

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 are 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-138KV-650KV-54IN-M5 station post insulator meets the highest standards of quality and is manufactured in accordance with ANSI C29.9 requirements.

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

The MT-SPI-138KV-650KV-54IN-M5 Station Post Insulator, Porcelain type, is compatible with 138 kV rated voltage systems. Its Basic Insulation Level is 650 kV with a total length of 54 inches. Designed for substation structures and disconnect switch applications, this unit provides a minimum creepage distance of 116 inches and is finished in ANSI 70 grey glaze for superior outdoor performance. The insulator offers a wet power frequency withstand voltage of 275 kV (10 seconds) and a dry withstand voltage of 315 kV (1 minute), ensuring dependable operation under demanding environmental conditions.

Mount: Operators can mount the SPI horizontally or vertically.

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.



Frequently Asked Questions (FAQ)

There are no Faqs