Larson Electronics LLC
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Phone: 800.369.6671

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Product ID: 341346

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image:

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-34.5KV-200KV-18IN-M5 Station Post Insulator
Unit Type: Station Post Insulator, Porcelain Type
ANSI Class: TR210
Nominal Voltage: 34.5 kV
Max. Rated Voltage: 36 kV
BIL Voltage: 200 kV
Critical Impulse Flashover Voltage Pos.: 225 kV
Power Frequency Withstand Voltage, Wet: 80 kV
Radio Influence Test Voltage to Ground: 22 kV
Maximum RIV at 1000kHz: 100 µV
Min. Arcing Distance: 15 inches
Min. Creepage Distance: 37 inches
Cantilever Strength: 2,000 lbs
Tension Strength: 12,000 lbs
Torsion Strength: 10,000 in·lbs
Compression Strength: 15,000 lbs
Total Length: 18"± 1/32"
Top Mounting Flange Diameter: Ø3"±5/256"
Top Mounting Flange Holes: (4) Tapped Holes 1/2"-13 UNC 0.015" O/S, 0.59" Deep
Bottom Mounting Flange Diameter: Ø3"±5/256"
Bottom Mounting Flange Holes: (4) Tapped Holes 1/2"-13 UNC 0.015" O/S, 0.59" Deep
Fitting Material: Galvanized Steel
Housing Material: Porcelain
Core Material: Fiberglass Rod

Ratings:
ANSI C 29.9
ASTM 123

Special Orders - Special Requirements

Color: ANSI 70 Grey
Mount: Horizontal or Vertical Mount
Weight: 34.1 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 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-34.5KV-200KV-18IN-M5 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-34.5KV-200KV-18IN-M5 Station Post Insulator, porcelain type, is compatible with 34.5 kV rated voltage systems. It's Basic Insulation Level is 200 kV with total length 18 inches

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/341346.JPG)
- **Video1**(https://www.youtube.com/watch?v=aOJY5E9e33I)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)