

Innovation in Every Wave

321-50-6G-** Lightning Surge Protector

321-50-6G series is a high performance 50Ω Gas Discharge Lightning Surge Protector covering from DC to 6GHz. Its superior performance in the entire band makes it suitable for ISM, IEEE 802.11a/b/g and cellular applications. It can also be used with Coax cables as it passes DC without any degradation of signal through it. The unit has Type-N connectors and is bi-directional. Superior Grounding can be achieved with the ground lug terminal provided on the surge protector housing.

FEATURES:

- Superior Performance from DC to 6.0 GHz
- Robust Construction
- Capable of handling Multi-Strikes
- Bi-Directional Surge Protector
- Nickel Plated Brass Body with Gold-Plated Center Conductors

ELECTRICAL SPECIFICATIONS:

| Frequency Range: | DC – 6.0 GHz |
|------------------------|-------------------|
| Impedance: | 50Ω |
| Insertion Loss: | 0.30 dB (Typical) |
| VSWR: | 1.25 (Max) |
| Breakdown Voltage: | 90V ± 20% |
| Insulating Resistance: | 5000 MΩ (Min) |
| Peak Power: | 200 W |
| Maximum Transient: | 20 kA (8x20µs) |

MECHANICAL SPECIFICATIONS:

Connectors: Connector Body: Body: Center Pin: O-Ring: Dimensions: Weight: Type-N Male/Female Nickel Plated Brass Nickel Plated Bronze Gold Plated Brass Rubber 2.720" X Ø0.985 4.40 oz

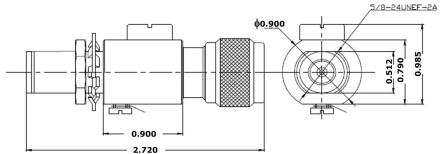
APPLICATIONS:

- Wireless LAN Applications IEEE 802.11a/b/g
- Protects Lightning Strikes on Antenna towers used for Communications
- Protects High Voltage Surges on Coax Applications
- ISM Applications
- PCS & Cellular Applications



AVAILABLE MODELS FOR 321-50-6G-**:

321-50-6G-N --- Type-N Male to Type-N Female
321-50-6G-NF --- Type-N Female to Type-N Female
321-50-6G-NM --- Type-N Male to Type-N Male



Dimension shown above is for Model#: 321-50-6G-N. Dimensions vary between different Models.

Please contact our sales department at 914-230-4060 or <u>sales@innowaverf.com</u> for any custom requirements. © InnowaveRF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.