

2.4/5GHz Lightning Arrester (N-male to N-female)



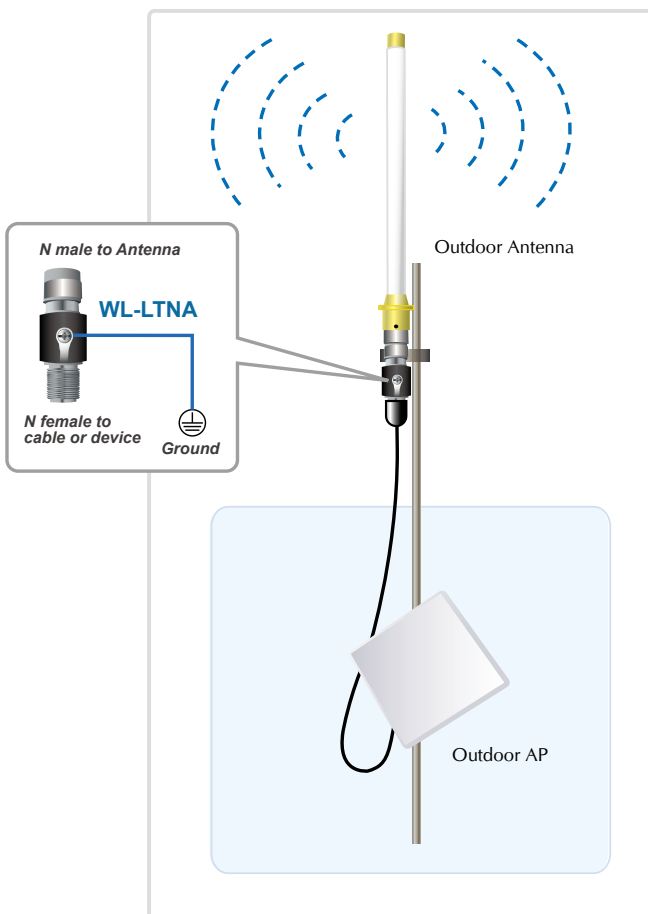
High Power Outdoor Wireless Coverage

The Planet's Lightning Protector Model WL-LTNA is a gas discharge tube suppressor featuring wide-band operation up to 6 GHz. The unit features an N male (Plug) to N Female (Jack) connector.

Due to its low-cost and superior RF performance this unit is ideal for IEEE 802.11a/b/g/n Wireless LAN applications. Since this protector will pass DC it is suitable for applications where DC is carried through the coax cable such as remote amplifiers and LNA's.

The unit's replaceable gas tube element, multi-strike capability and fast response time make it suitable for a wide range of applications. A ground lug and terminal is provided directly on the lightning protector housing which provides superior grounding.

APPLICATIONS



KEY FEATURES

- Lightning Arrester for outdoor wireless application
- Compatible with 2.4 / 5GHz 802.11a/b/g/n device
- N-Male (Plug) to N-Female (Jack) connector type

*Sincerely suggest matching the same model in outdoor wireless bridge application for getting best performance.

SPECIFICATION

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|----------------------------------|--|
| Product | 2.4/5GHz Lightning Arrester |
| Model | WL-LTNA |
| Electrical Specification | |
| Type | Gas Discharged |
| Frequency | 0 ~ 6GHz |
| V.S.W.R | 0 ~ 5GHz 1:1.5 5 ~ 6GHz 1:2.0 |
| Gain Loss | 0.5dB |
| Maximum withstand current | 20KA |
| DC breakdown voltage | 90±20%(@100V/S) |
| Impulse breakdown voltage | >600V(@1KV/μs) |
| AC Discharge Current | 5A(@50Hz) |
| Surge Discharge Current | 5KA (@8/20μs) |
| Insulation Resistance | ≥1000mΩ |
| Electrode Capacitance | <1.5P |
| Environment Specification | |
| Temperature Range | -40°C ~ 65°C |
| Humiture | 85°C/85% RH-48hrs |
| Mechanical Specification | |
| Connector Type | N-male (male pin) to N-female (female pin) |
| Connector Body Material | Nickel Plated Brass |
| Body Material | Anodized Aluminum |
| Pin Material | Gold Plated Brass |
| Dimensions (Max.) | 68 x 22 x 25 mm (L x W x H) |
| Weight | 87g |

ORDERING INFORMATION

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|---------|---|
| WL-LTNA | Lightning Arrester [N-male (male pin) to N-female (female pin)] |
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