

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



### 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

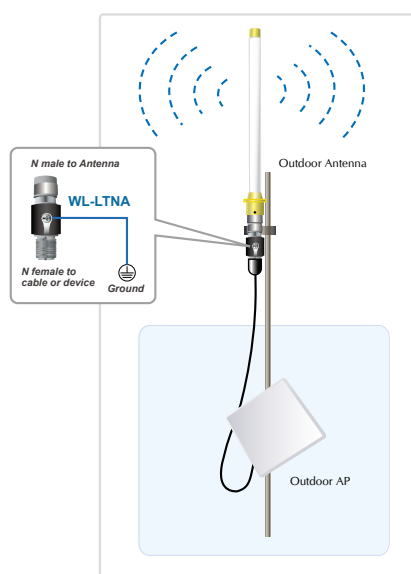
### High Power Outdoor Wireless Coverage

PLANET WL-LTNA Lightning Arrester is a gas discharge tube suppressor featuring wide-band operation up to 6 GHz. The WL-LTNA has a N male (Plug) to N Female (Jack) connector for convenient deployment.

Due to its low-cost and superior RF performance this unit is ideal for IEEE 802.11a/b/g/n wireless LAN applications. This arrester will pass DC; therefore, it is suitable for applications where DC is carried through the coaxial cable such as remote amplifiers and LNA's (Low Noise Amplifier).

The WL-LTNA can be deployed for a wide range of applications with its replaceable gas tube element, multi-strike capability and fast response time features. A ground lug and terminal is provided directly on the lightning protector housing to provide superior grounding and protection.

## Application



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

## Specifications

Product	WL-LTNA 2.4/5GHz Lightning Arrester
<b>Electrical Specifications</b>	
Type	Gas Discharged
Impulse breakdown voltage	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
<b>Environment Specifications</b>	
Temperature Range	-40°C ~ 65°C
Humiture	85°C/85% RH-48hrs
<b>Mechanical Specifications</b>	
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

WL-LTNA	Lightning Arrester [N-male (male pin) to N-female (female pin)]
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## Related Products

ELA-100	Ethernet Lightning Arrest Box
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