

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



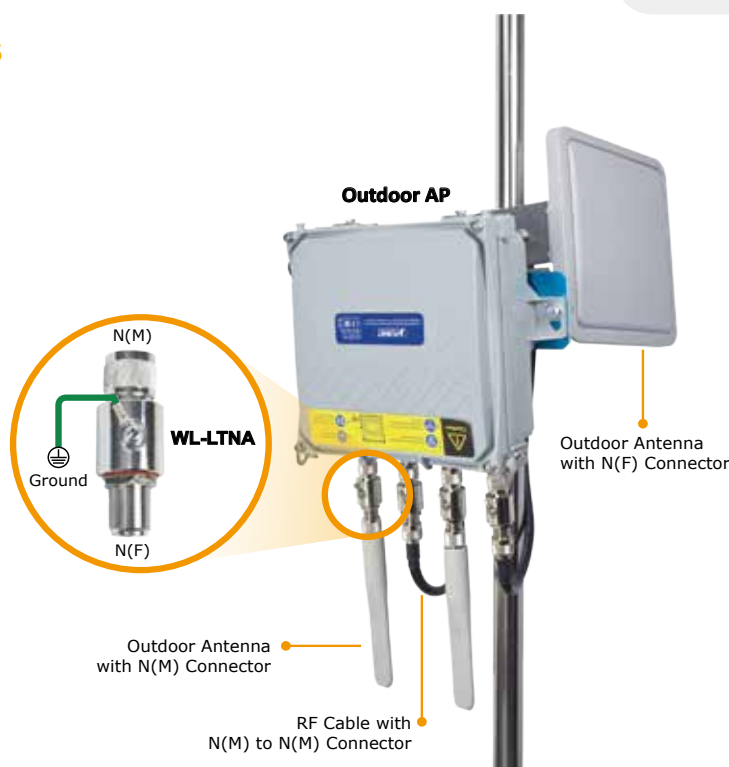
PLANET WL-LTNA Lightning Arrester is a gas discharge tube suppressor featuring wide-band operation up to 6GHz. The unit features a built-in N-male (plug) to N-female (jack) connector which is suitable for outdoor wireless AP.

The WL-LTNA is maintenance-free and features the best protection performance with both the highest surge current handling capability and the lowest insertion loss of only 0.2dB or less. In the event of high voltage, the lightning arrester immediately directed the high voltage surge current to the Earth, thereby limiting the voltage amplitude and protecting electrical insulation. When the over-voltage disappears, the system can be operated normally.

With the replaceable gas tube element, multi-strike capability and fast response time, the WL-LTNA is suitable for a wide range of applications. A ground lug and terminal are provided directly on the lightning protector housing which provides superior grounding.

- Lightning Arrester for outdoor wireless application
- Available for application bands from 0 to 6GHz
- N-male (plug) to N-female (jack) connector type
- Highest current handling capability up to 100 kA (max.)
- Insertion loss of less 0.2dB
- Lower VSWR, wider operating range
- Gas discharge tube replaceable
- Maintenance-free and easy installation

Applications



Specifications

Product	WL-LTNA
Electrical Specifications	
Type	Gas Discharged
Frequency	0 ~ 6GHz
Impedance	50Ω
V.S.W.R	≤ 1.2 @6GHz
Gain Loss	≤ 0.2dB
Maximum Withstand Current	20 ~ 100kA
DC Breakdown Voltage	90±20% (@100V/S)
Impulse Breakdown Voltage	< 600V (@1KV/μs)
AC Discharge Current	5A (@50Hz)
Surge Discharge Current	5kA (@8/20μs)
Environment Specifications	
Temperature Range	-40°C ~ 65°C
Humidity	85°C/85% RH-48hrs
Mechanical Specifications	
Connector Type	N male to N female
Connector Body Material	Nickel-plated brass
Body Material	Anodized aluminum
Pin Material	Gold-plated brass
Dimensions (max.)	20 x 68 mm (Φ x H)
Weight	124g

Ordering Information

WL-LTNA	2.4/5GHz Lightning Arrester (N-male to N-female)
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Related Products

WDAP-802AC	1200Mbps Dual Band 802.11ac Outdoor Wireless AP (IP68, 802.3at PoE+, 4 x N-type connector)
WDAP-702AC	1200Mbps Dual Band 802.11ac Outdoor Wireless AP
WDAP-8350	600Mbps Dual Band 802.11n Outdoor Wireless CPE (IP66, 802.3at PoE, 4 x N-type connector)
WAP-252N	2.4GHz 300Mbps 802.11n Outdoor Wireless AP
WAP-200N	2.4GHz 300Mbps 802.11n Outdoor Wireless AP
WAP-552N	5GHz 300Mbps 802.11n Outdoor Wireless AP
WAP-500N	5GHz 300Mbps 802.11n Outdoor Wireless AP
WNAP-6335	2.4GHz 300Mbps 802.11n Outdoor Wireless AP/Router (2 x RP-SMA Connector)
WNAP-7335	5GHz 300Mbps 802.11a/n Outdoor Wireless AP/Router (2 x RP-SMA Connector)
ELA-100	Ethernet Lightning Arrest Box

Accessories

WL-SMA-6	0.6 meter N-male (male pin) to N-male (male pin) Cable
WL-SMA-0.6	1200Mbps Dual Band 802.11ac Outdoor Wireless AP
0.6M RP-SMA(M) to N(M) Cable	600Mbps Dual Band 802.11n Outdoor Wireless CPE (IP66, 802.3at PoE, 4 x N-type connector)
WL-SMA-6	2.4GHz 300Mbps 802.11n Outdoor Wireless AP
6M RP-SMA(M) to N(M) Cable	2.4GHz 300Mbps 802.11n Outdoor Wireless AP
ANT-OM8	2.4GHz 8dBi Omni-directional Antenna
ANT-OM15	2.4GHz 15dBi Omni-directional Antenna
ANT-FP9	2.4GHz 9dBi Flat Panel Directional Antenna
ANT-FP14D	2.4GHz 14dBi Flat Panel Dual Polarization Directional Antenna
ANT-FP18	2.4GHz 18dBi Flat Panel Directional Antenna
ANT-SE18	2.4GHz 12-18dBi Adjustable Sector Antenna
ANT-GR21	2.4GHz 21dBi Grid Directional Antenna
ANT-OM10A	5GHz 10dBi Omni-directional Antenna
ANT-FP23A	5GHz 23dBi Flat Panel Directional Antenna
ANT-SE17A	5GHz 16.5dBi Sector Antenna