



Lightning Arrestors Surge Protectors

Shireen Inc. offers high performance, low loss lightning arrestors in frequencies covering DC thru 3GHz and 5.8GHz frequency bands. These units are designed for all outdoor applications. These are ideal for the work environment where minimizing signal loss is very critical.



Model	LA-1001	LA-1002	LA-2001
Frequency	DC ~ 4GHz	DC ~ 4 GHz	5.6GHz ~ 6 GHz
Technology	Gas Discharge	Gas Discharge	Quarterwave
Impedance	50 Ohm	50 Ohm	50 Ohm
Insertion Loss	0.25 dB at 2.4GHz	0.25 dB at 2.4GHz	0.3 dB
VSWR	1:1.1	1:1.1	1:1.2
Return Loss	26 dB min	26 dB min	20 dB min
Input Power	100 Watt max	100 Watt max	100 Watt max
Surge Current	20 KAmp	20 K Amp	20 K Amp
Connectors	Type N Female/Female	Type N Male/Female	Type N Female/Female
Contacts	Gold Plated	Gold Plated	Gold Plated
Finish	Succo plated	Succo Plated	Succo Plated

The Gas discharge versions feature:

- High-Frequency Surge Protection
- DC Pass to +/-48V
- Removable GDT
- Frequency Range: DC - 4GHz

The Quarterwave version features:

- Maintenance free operation
- Lowest loss unit for 5.8 GHz

It's important to note that a well grounded lightning arrestor never allows static built-up, thus minimizes the chance of direct lightning strike.

Note: All lightning arrestors must be properly grounded to provide any protection.