



Coax Lightning Arrestors Surge Protectors

Shireen Inc. offers high performance, low loss lightning arrestors in frequencies covering DC thru 6GHz frequency bands. These units are designed for all outdoor applications. These are ideal for the work environment where minimizing signal loss is very critical.



Item #	50582	50583	50581	50600
Frequency	DC ~ 6 GHz	DC ~ 6 GHz	5.6GHz ~ 6 GHz	2GHz ~ 6 GHz
Technology	Gas Discharge	Gas Discharge	Quarterwave	Quarterwave
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Insertion Loss	0.25 dB at 2.4GHz	0.25 dB at 2.4GHz	0.3 dB	0.5 dB
VSWR	1:1.1	1:1.1	1:1.2	
Return Loss	26 dB min	26 dB min	20 dB min	20 dB min
Input Power	100 Watt max	100 Watt max	100 Watt max	100 Watt max
Surge Current	20 K Amp	20 K Amp	20 K Amp	20 K Amp
Connectors	Type N Female/Female	Type N Male/Female	Type N Female/Female	Type N Female/Female
Contacts	Gold Plated	Gold Plated	Gold Plated	Silver plated
Finish	Succo plated	Succo Plated	Succo Plated	Silver

The Gas discharge versions feature:

- High-Frequency Surge Protection
- DC Pass to +/-48V
- Removable, multistrike capable GDT
- Frequency Range: DC - 6GHz

The Quarterwave version features:

- Maintenance free operation
- Lowest loss unit for specified frequency range

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.
All versions are RoHS Compliant**

