



# Coax Lightning Arrestors Surge Protectors

TXM 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.



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

