

Lightning surge arrestors are in-line devices for connection in RF transmission lines to protect radio equipment down-stream from the antenna from excessive lightning induced voltages.

**Main Features**

- Quarter wave technology
- 0.3dB insertion loss at 2.4GHz
- Maintenance free
- Fast response time
- Supplied with flexible high current earth strap

Note: Quarter wave devices present a DC short circuit and are not suitable for use in power injected transmission lines.



**Electrical Specifications**

Frequency	2400-2500MHz
Type	Quarter wave
Impedance	50 Ohms
Insertion loss	0.2 typical
VSWR	1.2:1 max
Power	100 Watts
Peak surge current	2,000 Amp
Response time	1.2µs

**Installation**

- Attach the casing securely to the structure in a manner that provides a good earth.
- For maximum protection the earth strap should be connected to the same low impedance earth as the outer conductor of the coaxial transmission line.
- The device should be connected as marked on the casing (TO RADIO to radio, TO ANTENNA to antenna)

**Mechanical Specifications**

Input connector	N-Female
Output connector	N-Female
Earth strap length	300mm
Operating temperature	-20°C to 80°C
Overall dimensions	90mm x 80mm x 30mm