

PTS-ANT-LIGHTING

» Safety Notes

-When the lightning protector is installed in the system, all requirements of the standards GB4943 (EN60950, IEC60950) must be implemented;

-Equipment should be installed by authorized professionals. So that improper installation and use will not affect the normal operation of the system and the lightning protection effect.

» Scope of application

Suitable for lightning protection of various RF signal receiving and transmitting systems. Connected in series in the antenna, to prevent surge along the feeder line intrusion equipment damage.

» Key Features

- Wide operating bandwidth to feed power;
- High through-current capacity and low residual voltage level;
- Low insertion loss and low VSWR;

- Fast response time;
- Precise limiting voltage and large through-current capacity;
- Stable performance, reliable operation;
- Small volume, light weight, easy to install and use, easy to maintain.

» Specifications

Operating frequency	0-2500 Mhz
Maximum Continuous Operating Voltage U _c	≤ 70V
Nominal discharge current I _n	10kA
Maximum discharge current I _{max}	20kA
Protection levels U _p (1.2/50μs)	≤ 600 V
Electrical impedance	50Ω
Dilapidation	≤ 0.2dB
Standing Wave Ratio (VSWR)	≤ 1.2
Connector Type	BNC- J/K
Environmental Limits	Operating temperature: - 40°C ~ + 85°C; Ambient Relative Humidity: ≤ 95% (25°C); Altitude ≤ 3km

» Main application

- Lightning protection 50 Ohm with BNC-type connector.

Lightning protection for outdoor antennas protects from high discharges of electrostatic current.

The device diverts dangerous currents, arising during a thunderstorm, to the grounding bus or ground bus or ground loop and thus prevents the user devices from being damaged.

➤ Mechanical Drawing

