

Coaxial Surge Protectors (SPD's)

Part Number: **N-JP-6**



Features:

- High reliability protection from surges caused by lightning or other electrical transients
- Very high frequency
- High energy / low capacitance GDT technology
- High durability and RoHS Compliant
- Low insertion loss
- Bidirectional



100% Lead-Free (RoHS Compliant)

Electrical Characteristics	
Frequency Range	4.7GHz - 5.7GHz
DC Breakdown (Turn-On) (100V/s)	≥ 120V
Impulse Breakdown (1kV/s)	≤ 700V
Technology Type	Gas Discharge Tube (GDT)
Insertion Loss	< 0.5dB
Return Loss	≥ 20dB
VSWR	< 1.2:1
Maximum Power	10W
Maximum Current (8/20 us)	10kA (1 time)
Impedance	50 Ω
Insulation Resistance (at 100V _{DC})	≥ 100M Ω

Mechanical Characteristics	
Connector Type	N Type (P-J)
Connection Method	Series (Bidirectional)
Grounding	Screw
Weight	86g (3.03oz)

Environmental Characteristics	
Environmental Rating	IP20
Operating Temperature Range	-30°C to +60°C (-22°F to 140°F)
Maximum Operating Altitude	2000m (6562ft)
Relative Humidity	≤ 90%

Applications:

- Wireless (WiFi) Communications
- Measuring Instruments
- Transmitters and Receivers
- Tower Equipment (TTE and TMA)
- Wimax Broadband
- Antenna Systems
- High Frequency Coaxial Lines using N-type Connectors

■ External view

