

Coaxial Surge Protectors (SPD's)

Part Number: **N-JP-1500**



Features:

- High reliability protection from surges caused by lightning or other electrical transients
- High energy
- High durability
- Low insertion loss
- High frequency and bidirectional
- High power



Electrical Characteristics	
Frequency Range	Mode A: 1.4GHz-1.5GHz, Mode B: 1.21GHz-1.59GHz
Impulse Breakdown (10/200 us @ 20kV)	≤ 10V
Technology Type	Quarter Wave (Lambda)
Insertion Loss	< 0.1dB (for Mode A), < 0.2dB (for Mode B)
Return Loss	≥ 14dB
VSWR	< 1.1:1 (for Mode A), < 1.3:1 (for Mode B)
Maximum Power	300W
Maximum Current - Category C2 (8/20 us)	50kA (1 time)
Maximum Current (10/200 us)	5kA (1 time)
Impedance	50 Ω

Mechanical Characteristics	
Connector Type	N Type (P-J)
Connection Method	Series (Bidirectional)
Grounding	Screw
Weight	400g (14.11oz)

Environmental Characteristics	
Operating Temperature Range	-20°C to +60°C (-4°F to 140°F)
Maximum Operating Altitude	2000m (6562ft)
Relative Humidity	≤ 90%

Applications:

- Mobile Telephone Base Stations
- Wireless LAN Antennae
- Communication Devices
- Transmitters and Receivers
- Antenna Systems
- High Frequency Coaxial Lines using N-type Connectors

