

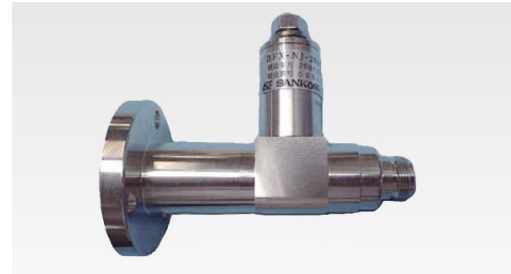
Coaxial Surge Protectors (SPD's)

Part Number: **BFX-NJ-2000**



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	1.9GHz - 2.2GHz
Impulse Breakdown (1.2/50 us @ 10kV)	≤ 10V
Technology Type	Quarter Wave (Lambda)
Insertion Loss	< 0.1dB
Return Loss	≥ 14dB
VSWR	< 1.15:1
Maximum Power	300W
Maximum Current (8/20 us)	100kA (1 time)
Maximum Current (10/200 us)	10kA (1 time)
Impedance	50 Ω
Insulation Resistance (at 100V _{DC})	≥ 100M Ω

Mechanical Characteristics	
Connector Type	BFX20D / NJ Type
Connection Method	Series (Bidirectional)
Grounding	Screw
Weight	480g (16.93oz)

Environmental Characteristics	
Operating Temperature Range	-40°C to +80°C (-40°F to 176°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 BFX20D/NJ-type Connectors

■ External view

