## Coaxial Surge Protectors (SPD's)

Part Number: B-JP-1 (75 $\Omega$ )

## Features:

- High reliability protection from surges caused by lightning or other electrical transients
- Meets IEC 61643-21 compliance, Category C2 & D1 Impulse Requirements
- High energy / low capacitance GDT technology
- · High durability and RoHS Compliant
- Low insertion loss
- · High frequency and bidirectional
- Includes mounting / grounding clip











100% Lead-Free (RoHS Compliant)

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<b>Electrical Characteristics</b>	
Frequency Range	DC - 400MHz
DC Breakdown (Turn-On) (100V/s)	350V ± 20%
Voltage Protection Level - U <sub>p</sub> (Impulse Breakdown V)	≤ 1500V
Technology Type	Gas Discharge Tube (GDT)
Insertion Loss	< 0.2dB
Return Loss	≥ 14dB
VSWR	< 1.1:1
Maximum Power	50W
Maximum Current - Category C2 (8/20 us)	5kA (10 times), 10kA (1 time)
Maximum Current - Category D1 (10/350 us)	1kA (2 times)
Impedance	75 Ω
Insulation Resistance (at 100V <sub>DC</sub> )	≥ 100M Ω

Mechanical Characteristics	
Connector Type	BNC Type (P-J)
Connection Method	Series (Bidirectional)
Grounding	Clip
Weight	24g (0.85oz)

<b>Environmental Characteristics</b>	
Operating Temperature Range	-40°C to +70°C (-40°F to 158°F)
Maximum Operating Altitude	2000m (6562ft)
Relative Humidity	≤ 90%

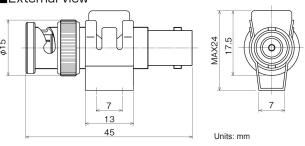
Toll Free: (888) 711-2436

Phone: (310) 320-1661 Fax: (310) 618-6869

## **Applications:**

- Monitoring Cameras
- Security Systems
- Baseband Video (SDI/HD-SDI)
- Video Transmission and Receiving
- High Frequency Coaxial Lines using BNC-type Connectors

## ■External view



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