

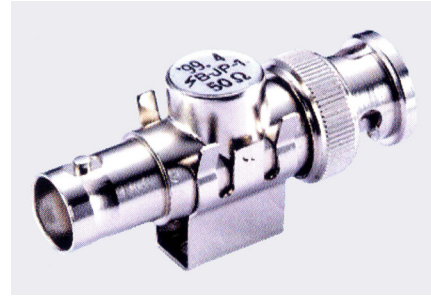
Coaxial Surge Protectors (SPD's)

Part Number: **B-JP-1 (50Ω)**



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



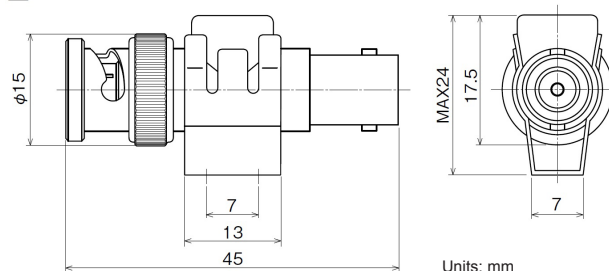
100% Lead-Free (RoHS Compliant)

| Electrical Characteristics | |
|---|---|
| Frequency Range | DC - 1.6GHz |
| DC Breakdown (Turn-On) (100V/s) | 350V ± 20% |
| Voltage Protection Level - U _p (Impulse Breakdown V) | ≤ 1500V |
| Technology Type | Gas Discharge Tube (GDT) |
| Insertion Loss | < 0.2dB (DC - 1GHz), < 0.3dB (1GHz - 1.6GHz) |
| Return Loss | ≥ 14dB |
| VSWR | < 1.1:1 (DC - 1GHz), < 1.25:1 (1GHz - 1.6GHz) |
| 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 | 50 Ω |
| Insulation Resistance (at 100V _{DC}) | ≥ 100M Ω |
| Mechanical Characteristics | |
| Connector Type | BNC Type (P-J) |
| Connection Method | Series (Bidirectional) |
| Grounding | Clip |
| Weight | 24g (0.85oz) |
| Environmental Characteristics | |
| Operating Temperature Range | -40°C to +70°C (-40°F to 158°F) |
| Maximum Operating Altitude | 2000m (6562ft) |
| Relative Humidity | ≤ 90% |

Applications:

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

■ External view



Units: mm