

Description:

The BB1SP Bonding Block is the first line of defense in securing a reliable subscriber connection. The ground bonding terminal accepts up to a 6 gauge ground wire size. High voltage surges on the signal path are shunted to the housing ground through the ultra fast-acting bipolar gas discharge tube. The RF signal path is transparent with very low insertion loss. The surge protected bonding block provides protection for subscriber terminal equipment at risk from high voltage transient conditions. The horizontal housing style with ports facing down is compatible when using a premise enclosure.



BB1SP

Features & Benefits:

- Bipolar Gas Discharge Tube
- Exceeds IEEE B62.42 B3 surge rating
- Short-circuit Failure mode
- Non-radioactive
- Rugged zinc die-cast housing
- All ports face down
- Machined F-ports

Additional Info:

Specifications

| Insertion Loss | Frequency(MHz) | Unit | BB1SP |
|---------------------------------------|--------------------------|-----------|-------|
| | 5-200 | dB Max | 0.12 |
| | 201-600 | dB Max | 0.17 |
| | 601-1002 | dB Max | 0.25 |
| Return Loss | | | |
| | 5-200 | dB Min | 22 |
| | 201-600 | dB Min | 22 |
| | 601-1002 | dB Min | 20 |
| Surge Protection Characteristics | | | |
| Power Passing Capability | | Amps | 1 |
| DC Spark-Over Voltage | | Volts | 230 |
| Tolerance | | % | ±20 |
| Impulse Spark-Over Voltage | | Volts | <750 |
| Hold-Over Voltage | | Volts | >90 |
| Insulation Resistance at 100 VDC | | G ohm | >1 |
| Capacitance | | pf | <5 |
| Nominal Alternating Discharge Current | | Amp (RMS) | 10 |
| Nominal Impulse Discharge Current | | K amp | 10 |
| Fail Safe Breakdown Time | | | |
| | 5A, 60Hz | Sec | <60 |
| | 10A, 60Hz | Sec | <20 |
| | 20A, 60Hz | Sec | <6 |
| | 30A, 60Hz | Sec | <4 |
| | Short Circuit Resistance | m ohm | <10 |

Specifications Compliant Throughout Operating Temperature of -40°C to +60°C

Specifications Are Subject To Change Without Notice ©
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Customers are reminded they are SOLELY responsible for confirming
that all products are properly installed and used in accordance with
codes and regulations.