

T1IB - T1 Interface Box

Part #AT92721



Military junction box with surge suppression technology for your T1 lines and connected devices.

Application: The AT92721 protects T1 lines from transients caused by direct or indirect lightning strikes and other electrical surges, while supplying connections for up to 12 T1 lines.

Installation: The T1IB can be hung by attaching a strap to D-rings for field mounting, or it can be attached to any flat surface with optional wall mounting case.

Technology: High capacity, fail safe gas discharge tubes are combined with solid state sidactors and fast acting fuses and resistors to form three stages of protection. The T1IB is a compact, powder coated stainless steel enclosure that uses 53 pin Mil-Circ (MIL-DTL-38999 series I) connectors for through put communications. Each line protector is mounted on a field replaceable assembly for quick replacement in the unlikely event of a circuit failure.

- Features:**
- Erasable writing plate
 - Butterfly latch that can be operated with one hand
 - Brush assembly at cable entry to protect against elements (dirt, dust, sand)
 - Mil-spec grounding stud
 - Gasketed lid to protect against rain when suspended by D-rings

SPECIFICATIONS

Circuit Type: 3 Stage Hybrid
Lines Protected: 12 T1 lines and 1 pair intercom lines
Connectors: 12 RJ48C jacks
Surge Capacity: 20kA 8/20µs impulse per wire
Clamp Voltage: 270V @ 3kA 8/20µs impulse
Rated Voltage: 200V peak
Max. Frequency: 10.0MHz
Nominal Resistance: 10 Ohm
Dimensions: 9 1/8" x 7 1/4" x 4 7/16"
Weight: 6.0 lbs.

