



Accurate Technology Services, Inc.  
 829 Gretel Ave, Concord, NC 28027  
 1-877-SRG-SRVC(774-7782)  
 ph: 1-704-784-8287 fax: 1-704-784-8290  
 www.atssurge.com sales@atssurge.com

## T1IB - T1 Interface Box

Part #AT92721

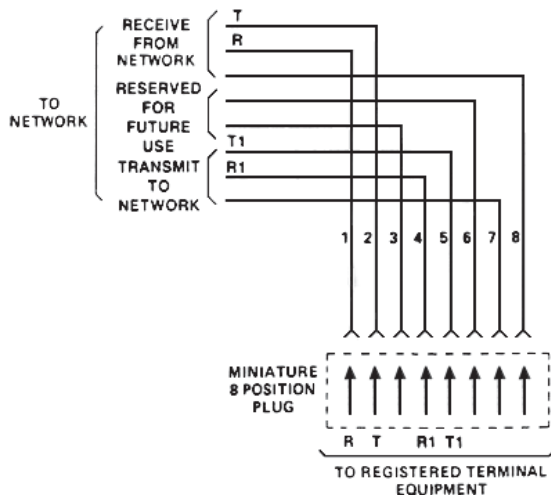
Military junction box with surge suppression technology for your T1 lines and connected devices.

**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.