



## RVIB - Retro Voice Interface Box

Part #AT92645

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

**Application:** The AT92645 protects communication lines from transients caused by direct or indirect lightning strikes and other electrical surges, while supplying connections for up to 24 phone lines and one inter-com connection.

**Installation:** The RVIB 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 RVIB is a compact, powder coated stainless steel enclosure that utilizes two U 187A/G connectors for throughput communication. Each pair of telephone protectors 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
  - U187A/G connectors to interface with existing communication systems

### SPECIFICATIONS

Circuit Type: 3 Stage Hybrid  
Lines Protected: 50 (24 pair dial-up lines & 1 pair intercom line)  
Connectors: 24 RJ11/RJ45 modular jacks & 2 compression terminals  
Surge Capacity: 20kA 8/20 $\mu$ s impulse per wire  
Clamp Voltage: 270V @ 3kA 8/20 $\mu$ s impulse  
Rated Voltage: 200V peak  
Max. Frequency: 7.5MHz  
Nominal Resistance: 10 Ohm  
Dimensions: 13 3/8" x 7 1/4" x 4 7/16"  
Weight: 9.0 lbs.

