

## VIB - Voice Interface Box

Part #AT91405

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

**Application:** The AT91405 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 VIB 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 VIB 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 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

### 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: 10MHz  
Nominal Resistance: 10 Ohm  
Dimensions: 9 1/8" x 7 1/4" x 4 7/16"  
Weight: 6.3 lbs.

