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## UVIB - Universal Voice Interface Box

Part #AT91405-U

**Application:** The UVIB protects communication lines from transients caused by direct or indirect lightning strikes and other electrical surges, while supplying connections for up to 26 phone lines and two binding post connections. The UVIB was designed to bridge the gap between existing communications architectures and those of the future.

**Installation:** The UVIB 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 and HOK 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:**

- U187A/G and mil-circ connectors to interface with existing and future communication systems
- Erasable writing plate
- Spring loaded latch can be operated with one hand
- Brush assembly at cable entry point 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: 52 (24 pair dial-up lines & 2 pair intercom lines)  
Connectors: 24 RJ11/RJ45 modular jacks & 4 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: 10.0 MHz  
Nominal Resistance: 10 Ohms  
Case Dimensions: 13 3/8" x 11 3/4" x 4 7/16"  
Weight: 12.75 lbs.

