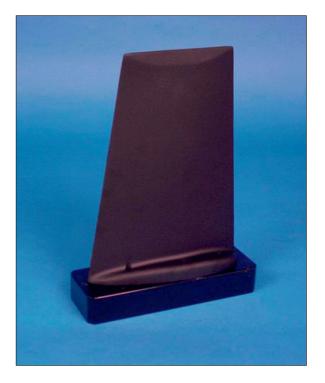


The Antenna Professionals



AT-1108-1

PRODUCT DESCRIPTION

| Model Number | |
|--------------|--|
| Part Number | |
| NSN | |
| Market | |

87C1108-1 AT-1108-1 5985-01-395-6032 Military–Air

The AT-1108-1 Antenna is a combined VHF/UHF airborne communications antenna. The outside surfaces of the antenna are abrasive resistance fiberglass epoxy and the inside is filled with foam to reduce the effect of extreme temperature changes, extreme humidity, and excessive shock and vibration. The antenna is produced to meet the electrical requirements of MIL-E-5400, and the environmental requirements of MIL-STD-810. Drag force on the antenna at Sea Level and at zero (0) angle of attack is 1.0 lb at 250 mph and 2.5 lb at 400 mph. The isolation between the bands is > 40 dB. A gasket for RF shielding and positive sealing is included. The antenna is coated with a Skydrol resistant lusterless CARC black paint.

PRODUCT SPECIFICATIONS

| Application | Airborne Communications |
|-------------------|--|
| Frequency | 116–152, 225–400 MHz |
| Impedance | 50 Ohms Nominal |
| VSWR | 3.0:1 Maximum |
| Polarization | Vertical |
| Pattern | Omni-Directional |
| Connector | VHF: "BNC" Female UHF: "TNC" Female |
| Max Weight | 3.5 lbs. |
| RF Power Capacity | 50 Watts Continuous |
| Gain | -6 dBd Minimum |
| Color | CARC Black |

