

## Technical Specification 118-138 MHz Quarterwave

## A1511 AAC, BAC BROADBAND AIRCRAFT ANTENNA

**Performance:** These antennas provide unity gain in a very broadband design 118MHz to 138MHz with no tuning necessary. They have a power handling capacity of 200 watts.

**Stylish and Durable:** These antennas are manufactured using the finest corrosion resistant materials and finishes available. They come with an integrated shock spring and a heavy duty polyester epoxy coated brass whip that is designed to withstand severe shock without suffering permanent damage.

**Reliable:** The ABS base has an ultrasonically welded brass insert and a gold plated spring loaded contact.

**Standard Mounting:** These antennas mate with a standard TAD/NMO type mount, providing an excellent moisture seal even when the antenna is removed.

### ELECTRICAL SPECIFICATIONS:

**FREQUENCY RANGE:** 118-138MHz  
**GAIN:** Unity  
**IMPEDANCE:** 50 ohms  
**POWER RATING:** 200 watts  
**VSWR:** <2:1  
**BANDWIDTH:** 20 MHz

### MECHANICAL SPECIFICATIONS:

**RADIATOR:** .250 dia. polyester coated brass whip  
**BASE:** ABS, spring loaded contact  
**CONTACT:** Gold plated spring loaded contact  
**LENGTH:** 26" (66cm)  
**FINISH:** AAC Chrome base, white whip  
BAC Black base, black whip  
**MOUNTING:** Standard TAD/NMO type

