

# Technical Specification

## 118-138 MHz Quarterwave

## A1511 AC 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)

MOUNTING: Standard TAD/NMO type

