

## Technical Specification

140-170/450-490/730-800 MHz

A1510WTB

## TRI-BAND MOBILE ANTENNA

**Performance:** Unity gain on VHF and 3dB gain on UHF and 3dB in the new 700MHz band is achieved in this tri-band antenna. It is designed to provide over 30MHz of bandwidth at VHF, 40MHz at UHF and 70MHz at 750MHz with less than 2:1 VSWR with no tuning necessary.

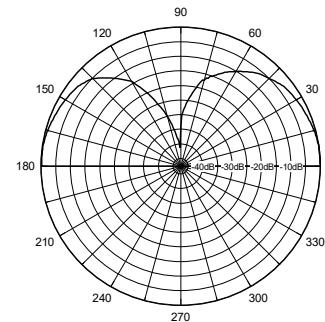
**Stylish and Durable:** These antennas are manufactured using the finest corrosion resistant materials and finishes available. They come with a large powder coated brass adaptor, which provides the extended band coverage now required for the public safety service.

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

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



### Vertical Pattern



### ELECTRICAL SPECIFICATIONS:

**FREQUENCY RANGE:** 140-170MHz  
450-490MHz  
730-800MHz

**GAIN & BANDWIDTH:** Unity @ 140-170MHz, 30MHz  
3dB @ 450-490MHz, 40MHz  
3dB @ 730-800MHz, 70MHz

**VSWR:** <2:1

**IMPEDANCE:** 50 ohms

**POWER RATING:** 200 watts

### MECHANICAL SPECIFICATIONS:

**RADIATOR:** Stainless Steel  
**BASE:** ABS, Ultrasonic brass insert  
**CONTACT:** Gold plated spring loaded contact  
**LENGTH:** 20" (50.8cm)  
**MOUNTING:** Standard TAD/NMO type  
**FINISH:** Black

