

COMTELCO

Technical Specification

A1510WTB

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

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.



ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE:** 140-170MHz
450-490MHz
730-800MHz
- GAIN & BANDWIDTH:** Unity @ 140-170MHz, 30MHz
3dB @ 440-490MHz, 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"
- MOUNTING:** Standard TAD/NMO type
- FINISH:** Black

Vertical Pattern

