

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 @ 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"
MOUNTING:	Standard TAD/NMO type
FINISH:	Black

Vertical Pattern

