

Technical Specification
140-170 / 440-470 MHz

A1531 A, B
DUAL BAND MOBILE ANTENNA

Performance: Unity gain on VHF and 2.5dB gain on UHF is achieved in this dual band antenna. It is designed to provide coverage over 30 MHz of bandwidth at both VHF and UHF at less than 2:1 VSWR. User trimming at specific frequency can bring the VSWR to below 1.5:1.

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 whip that is designed to withstand severe shock without suffering permanent damage. An enclosed silver plated matching coil ensures years of dependable 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
440-470MHz
GAIN: Unity @ 140-170MHz
2.5dB @ 440-470MHz
VSWR: <2:1
IMPEDANCE: 50 ohms
POWER RATING: 200 watts

MECHANICAL SPECIFICATIONS:

RADIATOR: Stainless steel
BASE: ABS, Ultrasonic brass insert with integrated shock spring
MATCHING COIL: Enclosed silver plated coil
CONTACT: Gold plated spring loaded contact
LENGTH: 19" (48cm)
MOUNTING: Standard TAD/NMO type
FINISH: Brite or Black