

COMTELCO

Technical Specification

A1812, A1822 A, B

144-174, 200-225MHz

VHF NO GROUND PLANE ANTENNA

Performance: These antennas feature a 1/2 wave whip with a base loaded matching coil. 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. The base is triple plated chrome brass.

Dependable: The large diameter low loss coil form is insert molded and features a gold plated spring loaded contact.

Weatherproof: O ring seals and overlap construction keep moisture out of the antenna.

Mounting: These antennas mount on standard Motorola type TAD/NMO type mount.

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: A1812 144-174MHz
A1822 200-225MHz

GAIN: Unity, No ground plane
2.4dB, With ground plane

IMPEDANCE: 50 ohms

POWER RATING: 200 watts

VSWR: <2.0:1 @ specified frequency

RADIATION PATTERN: Omni directional

MECHANICAL SPECIFICATIONS:

RADIATOR: A1812 .125 chrome plated 17-7 stainless steel tapered whip
A1822 .100 stainless steel whip

BASE: ABS, triple plated chrome
2" tall x 1 3/8" diameter

CONTACT: Gold plated, spring loaded

LENGTH: A1812 49" max.
A1822 34" max.

MOUNTING: Standard TAD/NMO type

Ordering Information:

BRITE	BLACK
A1812A	A1812B
A1822A	A1822B

