

# COMTELCO

## Technical Specification

A1812, A1822 A, B

150-174, 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:

<b>FREQUENCY RANGE:</b>	A1812	150-174MHz
	A1822	200-225MHz
<b>GAIN:</b>	Unity,	No ground plane
	2.4dB,	With ground plane
<b>IMPEDANCE:</b>	50 ohms	
<b>POWER RATING:</b>	200 watts	
<b>VSWR:</b>	<2.:1	
<b>RADIATION PATTERN:</b>	Omni directional	

### MECHANICAL SPECIFICATIONS:

<b>RADIATOR:</b>	A1812	.125 stainless steel tapered whip
	A1822	.100 stainless steel whip
<b>BASE:</b>	ABS, triple plated chrome	
<b>CONTACT:</b>	Gold plated, spring loaded	
<b>LENGTH:</b>	A1812	49" max.
	A1822	34" max.
<b>MOUNTING:</b>	Standard TAD/NMO type	

### Ordering Information:

<b>BRITE</b>	<b>BLACK</b>
A1812A	A1812B
A1822A	A1822B

