

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

