

Technical Specification

A18H31 A, B

50-54/144-148 MHz 6 meter/2 meter

DUAL BAND MOBILE ANTENNA

Performance: This antenna provides unity gain on 6 and 2 meters with 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 with a large insert molded low loss coil form and a spring loaded, gold plated contact.

Broadband: The large diameter coil form used in the construction of the loading coil allows for a wider operational bandwidth and better matching characteristics than competitive models.

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

Economical: These base loaded antennas feature a great price to performance ratio.

Standard Mounting: All Comtelco base loaded antennas mate with the standard TAD/NMO type mount.

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:

50-54MHz
144-148MHz

GAIN: Unity

IMPEDANCE: 50 ohms

POWER RATING: 200 watts

VSWR: <1.5:1

RADIATION PATTERN: Omni directional

MECHANICAL SPECIFICATIONS:

RADIATOR:

BRITE A: Tapered stainless whip .125 (3.1mm) dia.

BLACK B: Tapered stainless whip .100 (2.5mm) dia.

BASE: ABS, spring loaded contact

LENGTH: 42" (1m) Whip

MOUNTING: Standard TAD/NMO type

Ordering Information:

Brite	Black
A18H31A	A18H31B

