

Technical Specification

406-512 MHz 3dB Gain

A1843A, A1843B, A1843AS, A1843BS

BASE LOADED MOBILE ANTENNA

Performance: 3dB gain is achieved with these premium antennas by featuring a 5/8 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 with a large insert molded low loss coil form and a spring loaded 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.

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

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 406-512MHz
BANDWIDTH: 20MHz
GAIN: 3dB
IMPEDANCE: 50 ohms
POWER RATING: 200 watts
VSWR: <1.5:1
RADIATION PATTERN: Omni directional

MECHANICAL SPECIFICATIONS:

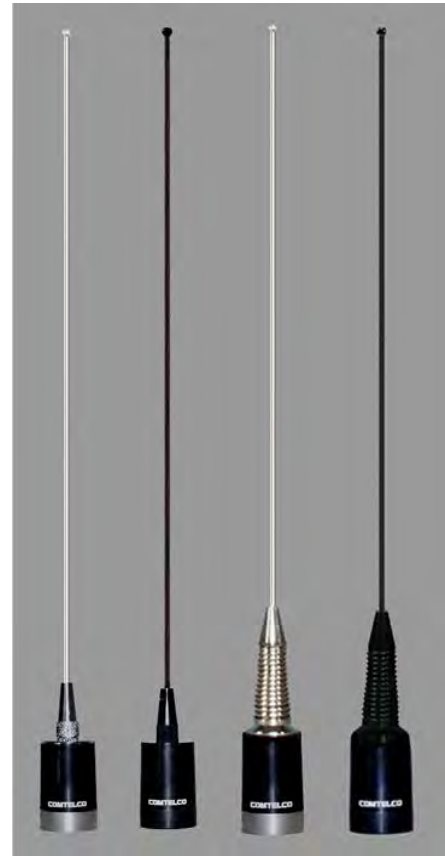
RADIATOR:
BRITE A: Tapered stainless whip .125 dia.
BLACK B: Tapered stainless whip .100 dia.
BASE: ABS, spring loaded contact
LENGTH: 21" (53cm)
MOUNTING: Standard TAD/NMO type

Ordering Information:

FREQUENCY	BRITE	BLACK
406-430MHz	A1843A-06	A1843B-06
430-450MHz	A1843A-30	A1843B-30
450-470MHz	A1843A-50	A1843B-50
470-490MHz	A1843A-70	A1843B-70
490-512MHz	A1843A-90	A1843B-90

To order with shock spring add suffix S to the part number.

Example: A1843AS-44 or A1843BS-44



VERTICAL PATTERN

