

COMTELCO

Technical Specification

A1801A,B, A1801AH, BH

27-54 MHz Unity Gain

BASE LOADED MOBILE ANTENNA

Performance: This premium unity gain antenna is available in both a series fed and shunt fed version. It has 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: 27-54MHz
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 dia.
BLACK B: Tapered stainless whip .100 dia.

BASE: ABS, spring loaded contact

LENGTH: 52" Maximum

MOUNTING: Standard TAD/NMO type

Ordering Information:

FREQUENCY	SERIES FED	SHUNT FED
27-31MHz	A1801A-27	A1801AH-27 26-31MHz
30-35MHz	A1801A-30	A1801AH-30 30-35MHz
34-40MHz	A1801A-34	A1801AH-34 32-37MHz
		A1801AH-37 36-40MHz
40-47MHz	A1801A-40	A1801AH-39 39-45MHz
47-54MHz	A1801A-47	A1801AH-47 47-54MHz

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

Example: A1801AS-27 or A1801AHS-27

To order black version replace the letter A with the letter B.

