

COMTELCO

Technical Specification

A1801, A1801H A, B

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	A1801HA-27
30-35MHz	A1801A-30	A1801HA-30
34-40MHz	A1801A-34	A1801HA-34
40-47MHz	A1801A-40	A1801HA-40
47-54MHz	A1801A-47	A1801HA-47

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

Example: A1801AS-27 or A1801HAS-27

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

