

Technical Specification

A1845G

406-512 MHz 5dB Gain

BASE LOADED MOBILE ANTENNA

High Performance: A full 5dB gain is achieved in this premium antenna by featuring a 5/8 wave over 5/8 wave whip with a base loaded matching coil. It has a power handling capacity of 200 watts.

Stylish and Durable: This antenna is manufactured using the finest corrosion resistant materials and finishes available. The base is triple plated chrome brass with an insert molded low loss coil form and a spring loaded, gold plated contact. The silver plated phasing coil is fully enclosed to insure years of dependable service. It is available in both brite and black finish.

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: 406-512MHz
GAIN: 5dB
IMPEDANCE: 50 ohms
POWER RATING: 200 watts
VSWR: <1.5:1
RADIATION PATTERN: Omni directional

MECHANICAL SPECIFICATIONS:

RADIATOR: Stainless steel
MATCHING COIL: Silver plated enclosed coil
BASE: ABS, chrome plated brass
CONTACT: Gold plated spring loaded contact
LENGTH: 39" maximum (99cm)
MOUNTING: Standard TAD/NMO type

Ordering Information:

FREQUENCY	BRITE	BLACK
406-430MHz	A1845GA-06	A1845GB-06
430-450MHz	A1845GA-30	A1845GB-30
450-470MHz	A1845GA-50	A1845GB-50
470-490MHz	A1845GA-70	A1845GB-70
490-512MHz	A1845GA-90	A1845GB-90

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

Example: A1845AS-50 or A1845BS-50

