

Technical Specification

150-174 MHz, VHF
406-512 MHz, UHF

A1812MC, A1842MC MOTORCYCLE ANTENNA

Performance: These antennas feature a 1/2 wave white polyester epoxy coated brass alloy 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 heavy duty shock spring.

Dependable: The large diameter low loss coil form is insert molded and features a gold plated spring loaded contact.

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

Standard Mounting: The 1812MC and 1842MC motorcycle antenna mounts on a standard Motorola type TAD/NMO type mount.



ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE:** 150-174MHz
406-512MHz
- GAIN:** Unity, No Ground Plane
- IMPEDANCE:** 50 ohms
- POWER RATING:** 200 watts
- VSWR:** <2.1
- RADIATION PATTERN:** Omni directional

MECHANICAL SPECIFICATIONS:

- RADIATOR:** White epoxy coated brass, .250" dia.
- BASE:** ABS, triple plated chrome
- CONTACT:** Gold plated, spring loaded
- LENGTH:** VHF 40", (1m)UHF 14", (35.5cm)maximum
- MOUNTING:** Standard TAD/NMO type

Ordering Information:

FREQUENCY VHF		FREQUENCY UHF	
150-160MHz	A1812MC - 150	406-430MHz	A1842MC-406
155-162MHz	A1812MC -155	430-450MHz	A1842MC-430
160-169MHz	A1812MC -160	450-470MHz	A1842MC-450
165-174MHz	A1812MC -165	470-490MHz	A1842MC-470
		490-512MHz	A1842MC-490