

Technical Specification
54-132, 132-512 MHz Quarterwave

A1501, A1511 A, B
BROADBAND MOBILE ANTENNA

Performance: These antennas provide unity gain in a very broadband design for extra heavy duty service. 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. They come with an integrated shock spring and a heavy duty stainless steel whip that is designed to withstand severe shock without suffering permanent damage. They are available in triple plated chrome and black finishes.

Reliable: The ABS base has an ultrasonically welded brass insert and a gold plated spring loaded contact.

Broadband: The A1511 version provides 24MHz bandwidth at VHF frequencies and 100MHz bandwidth at UHF frequencies.

Standard Mounting: These antennas mate with a standard TAD/NMO type mount, providing an excellent moisture seal even when the antenna is removed.

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	A1501 A,B	A1511 A,B
	54-132MHz	132-512MHz
GAIN:	Unity	Unity
IMPEDANCE:	50 ohms	50 ohms
POWER RATING:	200 watts	200 watts
BANDWIDTH:	6 MHz	VHF 24MHz UHF 100MHz
VSWR:	<1.5:1	<2:1

MECHANICAL SPECIFICATIONS:

RADIATOR:

BRITE A: Tapered stainless whip .125 dia.

BLACK B: Tapered stainless whip .100 dia.

BASE: ABS, Ultrasonic brass insert

CONTACT: Gold plated spring loaded contact

LENGTH:
A1501 52" (1.3m) at lowest frequency
A1511 21" (53cm) at lowest frequency

MOUNTING: Standard TAD/NMO type



Vertical Pattern

