

ASA-100MV

VHF OMNIDIRECTIONAL MOBILE ANTENNA WITH 1/4 WAVE

ASA-100MV is an antenna intended for mobile VHF radio communication with dimensions suitable for installation in vehicle mobile stations.

With unity gain (2,15dBi) its stainless steel radiating element, 1,5mm in diameter, makes up the ¼ wave vertical monopole. The antenna has on the base, a conical stainless steel spring, with a chrome finishing, which guarantees flexibility and robustness.

ASA-100MV is fixed on the roof of the vehicle through a 19mm (3/4") diameter hole where is installed the "BASE A" type coaxial connector, which comes with the antenna.

"BASE A" is fixed on the vehicle through a thread firmly connected to the vehicle structure and equipped with sealing rings, made of nitrile rubber, then guaranteeing protection against bad weather.

The antenna connector has a contact pin made of nickel-plated brass. The internal electrical contacts are maintained using a pressure spring, made of stainless steel.

Partnumber	Model	Range	Connector
501610	ASA-100MV	148/174 MHz	UM-6

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	100 Watts
Gain	2,15 dBi

MECHANICAL SPECIFICATIONS	
Rod diameter	1,5 mm
Total length	502 mm
Weight	0,137 Kg
Fixation	Hole 19 mm
Wind exposure area	0,00637 m ²
Finishing	Chrome
Basic material	Stainless steel
Resists winds up to	150 Km/h

