

# MV-00A

## MOBILE ANTENNA OMNIDIRECTIONAL 1/4 WAVE

The MV-00A is a specific antenna for medium-distance mobile communication on land or sea. The vertical monopole of 1/4 wave has unity gain of ( 2,15 dBi ). It is produced with noble materials, thus allowing it to last for a long time.

The MV-00A was developed to be installed on the roof of vehicles, such as train or trucks, using a metal support or 20mm hole. For temporary installation or when drilling holes is not possible, a magnetic base must be used.

Partnumber	Model	Frequency	Connector
501014	MV-00A	130 / 512 MHz	UM-6
501015	MV-00A	130 / 512 MHz	UM-5
501018	MV-00A	130 / 512 MHz	BM-64
501435	MV-00AI	130 / 512 MHz	UM-6
501436	MV-00AI	130 / 512 MHz	UM-5
501437	MV-00AI	130 / 512 MHz	BM-64

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

MECHANICAL SPECIFICATIONS	
Rod diameter	1,44 mm
Total length	565 mm
Weight	0,265 Kg
Fixation	Hole 20 mm / magnetic base
Wind exposure area	0,00755 m²
Finishing	Polished
Basic material	Stainless steel
Operating wind	≥ 110Km/h
Wind of survival	≥ 200Km/h

