

MV-00BC

MOBILE ANTENNA OMNIDIRECTIONAL 1/4 WAVE

Vertical 1/4 wave monopole with unity gain (2.15 dBi), manufactured with special materials, allowing for a long service life. Suitable for use in medium-range communication systems, in land and sea mobile stations.

This antenna is designed for installation on the vehicle's roof, through a pre-drilled hole. It can also be used with a gutter mount, trunk mount, or magnetic base, in which case drilling into the vehicle's roof is not necessary.

Partnumber	Model	Range	Connector
501024	MV-00BC	130 / 512 MHz	BM-64
501025	MV-00BC	130 / 512 MHz	UM-5
501026	MV-00BC	130 / 512 MHz	UM-6
501445	MV-00BCI	130 / 512 MHz	UM-6
501446	MV-00BCI	130 / 512 MHz	UM-5
501447	MV-00BCI	130 / 512 MHz	BM-64

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	100 Watts
Gain	2,15 dBi
Lightning protection	Grounded elements
Coaxial cable	RG-58 (5 meters)

MECHANICAL SPECIFICATIONS	
Rod diameter	2 mm
Total length	660 mm
Weight	0,350 Kg
Fixation	16 mm hole / Magnetic base
Area exposed to wind	0,01745 m ²
Finish	Polished
Basic material	Stainless steel / brass
Operational wind	$\geq 110\text{Km/h}$
Survival wind	$\geq 200\text{Km/h}$

