

# MV-36

## MOBILE ANTENNA 1/4 WAVE OMNIDIRECTIONAL WIDEBAND

Vertical mobile antenna with 3,65 dBi of gain, NMO (Whip base), standard fixing base, comes with a 5 meter long RG-58 coaxial cable to facilitate fixing to the roof.

The antenna was specifically designed to provide better coverage in urban and rural regions and is built with non-oxidizing materials with UV protection treatment against bad weather.

Its high-resistance LEXAN® base is equipped with a nitrile rubber sealing ring, which guarantees excellent mechanical robustness and great protection for external environments.

Partnumber	Model	Range	Connector
501780	MV-36	134/174 MHz	UM-6
501781	MV-36	134/174 MHz	UM-5
501782	MV-36	134/174 MHz	BM-64

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5:1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	150 Watts
Gain	3,65 dBi
Passband	12 MHz

MECHANICAL SPECIFICATIONS	
Rod diameter	3 mm (stainless steel)
Total length	542mm (134 MHz)
Weight	0,370 Kg
Fixation	Ø 19mm
Wind exposure area	0,000953 m <sup>2</sup>
Resists winds	150KM/h
Basic material	Brass, lexan®, stainless steel
RG-58 cable	5 meters

CUTTING GUIDE TABLE	
134 / 142 MHz	"L" 542 mm
138 / 148 MHz	"L" 520 mm
142 / 155 MHz	"L" 509 mm
152 / 160 MHz	"L" 480 mm
157 / 176 MHz	"L" 453 mm

