

MV-71EI

MOBILE ANTENNA WITH MAGNETIC BASE

High-gain antenna, 5/8 wave, coil at the base and male UHF connector. The antenna is intended for mobile service in high-traffic networks. The magnetic base has a female UHF connector and comes equipped with 5 meters of RG-58 coaxial cable. The magnetic base should be installed on a ground surface such as the roof of a vehicle.

The antenna is constructed with weather-resistant materials such as a chrome-plated brass base and a stainless steel radiating element.

Partnumber	Model	Range	Connector
501866	MV-71EI	130 / 174 MHz	UM-6
501866.2	MV-71EI	130 / 174 MHz	UM-5
501866.3	MV-71EI	130 / 174 MHz	QMA

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	125 Watts
Gain	7,15 dBi
Coaxial cable	RG-58 (5 meters)

MECHANICAL SPECIFICATIONS	
Rod diameter	3 mm
Total length	1443 mm
Weight	1,120 Kg
Area exposed to wind	0,009316752 m ²
Finishing	Matte chrome
Basic material	Chrome-plated brass / stainless steel
Operational wind	$\geq 110\text{Km/h}$
Survival wind	$\geq 200\text{Km/h}$

