

MV-70AI

MOBILE ANTENNA

Vertical gain antenna, 5/8 wave, with magnetic base, reduced radiating element, NMO type connector (whip connector), accompanied by a 5-meter long coaxial cable.

Intended for use in mobile stations, the antenna offers excellent performance in analog or digital radio communication networks.

Constructed with weather-resistant materials such as polycarbonate, brass, and stainless steel, the antenna has a low visual impact due to its anti-reflective surface treatment.

Partnumber	Model	Range	Connector
501835	MV-70AI	130 / 174 MHz	UM-6
501835.2	MV-70AI	130 / 174 MHz	UM-1/7
501835.3	MV-70AI	130 / 174 MHz	QMA

ELECTRICAL SPECIFICATIONS

VSWR	$\leq 1,5 : 1$
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	200 Watts
Gain	5,15 dBi
Coaxial cable	RG-58 (5 meters)

MECHANICAL SPECIFICATIONS

Rod diameter	3 mm
Total length	525 mm
Weight	0,960Kg
Fixing	Magnetic base
Area exposed to wind	0,0985 m ²
Finishing	High conductivity matte alloy
Basic material	Brass / stainless steel
Operational wind	≥ 110 Km/h
Survival wind	≥ 200 Km/h

ROD CUTTING CHART

MHz	L (mm)
129 / 133	525
133 / 138	509
138 / 144	493
142 / 149	476
147 / 154	460
151 / 159	444
156 / 165	428
160 / 170	411
165 / 175	395
170 / 180	386

