

MV-70A

MOBILE ANTENNA

Vertical gain antenna with 5/8 wavelength, reduced radiating element, NMO connector, and a 5-meter coaxial cable. Designed 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
501830	MV-70A	130 / 174 MHz	UM-6
501830.2	MV-70A	130 / 174 MHz	UM-1/7
501830.3	MV-70A	130 / 174 MHz	UM-5
501830.4	MV-70A	130 / 174 MHz	TM-136

ELECTRICAL SPECIFICATIONS

VSWR	≤ 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	495 mm
Weight	0,300Kg
Fixation	Hole with Ø 19 mm
Wind exposure area	0,097 m ²
Finish	High conductivity matte alloy
Basic material	Brass / stainless steel
Operational wind	≥ 110 Km/h
Wind of survival	≥ 200 Km/h

ROD CUTTING CHART

MHz	L (mm)
129 / 133	495
133 / 138	479
138 / 144	463
142 / 149	446
147 / 154	430
151 / 159	414
156 / 165	398
160 / 170	381
165 / 175	365
170 / 180	356

