

MV-71EI

ANTENA MÓVEL COM BASE MAGNÉTICA

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 95% (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	$\geq 200\text{Km/h}$

GUIDELINE CUTTING CHART									
MHz	L (mm)	MHz	L (mm)	MHz	L (mm)	MHz	L (mm)	MHz	L (mm)
130 / 132	1355	141 / 143	1220	150 / 152	1120	159 / 161	1020	168 / 170	950
133 / 135	1335	142 / 144	1210	151 / 153	1110	160 / 162	1010	169 / 171	935
134 / 136	1315	143 / 145	1195	152 / 154	1105	161 / 163	1005	170 / 172	930
135 / 137	1300	144 / 146	1185	153 / 155	1095	162 / 164	995	171 / 173	920
136 / 138	1295	145 / 147	1175	154 / 156	1080	163 / 165	985	172 / 174	910
137 / 139	1280	146 / 148	1165	155 / 157	1070	164 / 166	975	173 / 175	905
138 / 140	1255	147 / 149	1150	156 / 158	1060	165 / 167	970		
139 / 141	1245	148 / 150	1145	157 / 159	1050	166 / 168	970		
140 / 142	1230	149 / 151	1135	158 / 160	1035	167 / 169	960		

