

MV-71A

MOBILE ANTENNA

Gain antenna, with 5/8 wave, coil on the base and NMO type connector (whip base). The antenna is intended for mobile service, in high traffic networks.

The RG-58 coaxial cable that comes with the set, is equipped with a female NMO connector, which must be installed on the ground plan surface, through a hole with a diameter of 19mm. Built with weather-resistant materials such as a chromed brass base and stainless steel radiating element, the antenna is accompanied by 5 meters of RG-58 coaxial cable and specific connectors for connection to the radio.

Partnumber	Model	Range	Connector
501860.1	MV-71A	130 / 174 MHz	UM-6
501860.2	MV-71A	130 / 174 MHz	UM-5
501860.3	MV-71A	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

MECHANICAL SPECIFICATIONS	
Rod diameter	3 mm
Total length	1417 mm
Weight	0,520 Kg
Fixation	Furo 19 mm
Wind exposure wind	0,007017 m ²
Finishing	Matte chrome
Basic material	Brass / stainless steel
Operating wind	≥ 110 Km/h
Wind of survival	≥ 200 Km/h

CUTTING GUIDE TABLE									
MHz	L (mm)	MHz	L (mm)	MHz	L (mm)	MHz	L (mm)	MHz	L (mm)
130 / 132	1252	141 / 143	1138	150 / 152	1040	159 / 161	952	168 / 170	880
133 / 135	1238	142 / 144	1127	151 / 153	1030	160 / 162	943	169 / 171	873
134 / 136	1225	143 / 145	1117	152 / 154	1020	161 / 163	935	170 / 172	865
135 / 137	1210	144 / 146	1105	153 / 155	1010	162 / 164	928	171 / 173	855
136 / 138	1200	145 / 147	1094	154 / 156	1000	163 / 165	918	172 / 174	848
137 / 139	1185	146 / 148	1083	155 / 157	990	164 / 166	911	173 / 175	838
138 / 140	1170	147 / 149	1070	156 / 158	978	165 / 167	903		
139 / 141	1160	148 / 150	1060	157 / 159	970	166 / 168	897		
140 / 142	1150	149 / 151	1050	158 / 160	960	167 / 169	887		

