

MV-40

MOBILE ANTENNA

High-performance mobile antenna with 5,15dBi gain, NMO standard mounting base, comes with connector and 5 meter RG-58 coaxial cable.

The antenna was specifically designed to provide better coverage in urban regions, with high building density.

The antenna is entirely constructed from non-oxidizing materials and is characterized by the absence of a spring for articulating the radiating element, which was replaced by a highly durable, flexible polymer. The base of the antenna in "LEXAN®" and the structure for fixing the radiating element have low reflectivity and great protection against UV radiation.

Partnumber	Model	Range	Connector
501750	MV-40	138 / 174 MHz	UM-6
501751	MV-40	138 / 174 MHz	QMA

ELECTRICAL SPECIFICATIONS

VSWR	≤ 1,5:1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	150 Watts
Gain	5,15 dBi

MECHANICAL SPECIFICATIONS

Conical rod diameter	3 mm
Total length	1331 mm
Weight	0,185 Kg
Fixing by drilling	Ø 19 mm
Wind exposure area	0,001241 m ²
Resists winds	150 Km/h
Basic material	Brass / lexan® / stainless steel
RG-58 cable	5 meters

CUTTING GUIDE TABLE

MHz	"L" mm	MHz	"L" mm
138	1331	159	1093
141	1293	162	1061
145	1245	165	1029
147	1223	168	1001
150	1191	171	972
153	1156	174	944
155	1134		

