

MV-00D/GPS

MOBILE ANTENNA COMBINED DISCHARACTERIZED

A mobile antenna with minimal visual impact was specifically designed for civilian and military operations where the presence of vehicles equipped with radio communication systems must be kept secret.

It provides good coverage in urban areas, enabling communication between base stations and mobile units, mobile units, or mobile repeater units.

This product incorporates a GPS antenna which, working in conjunction with the radio communication antenna, allows the vehicle to be located in systems that incorporate this functionality.

A single hole, 20mm in diameter, allows the passage of the coaxial cables from both antennas.

Partnumber	Model	Range	Connector
501502	MV-00D/GPS	150 / 470 MHz	UM-6 / SMA-M
501508	MV-00D/GPS	150 / 470 MHz	BM-64 / SMA-M

GPS ANTENNAS - ELECTRICAL CHARACTERISTICS	
Frequency range	1575.42±1MHz
Polarization	Circular
Gain	28dBi ± 2dB
VSWR	2:1
Impedance	50 Ω
Supply voltage	2,2~5VCC
Current consumption	5~15mA
Coaxial cable	RF-174 (5 meters)

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5:1
Irradiation	Omnidirecional
Nominal impedance	50 Ω
Maximum power	100 Watts
Gain	2,15 dBi
Coaxial cable	RG-58 (5 meters)

MECHANICAL SPECIFICATIONS	
Weight	0,600 Kg
Total length	515 mm
Fixing	20 mm
Area exposed to wind	0,012m²
Radiant	Copper / fiberglass
Basic material	ZAMAK / PVC

