

# MU-00PI

## MOBILE ANTENNA PENTA BAND

Penta-band antenna with magnetic base, ideal for fixed, mobile or portable operations where fast communication and constant change of location are required.

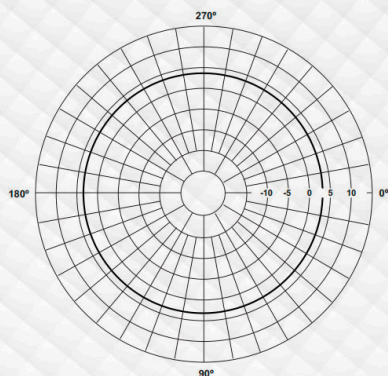
It meets the needs of the third-generation cellular system.

Constructed from stainless steel, brass, and polypropylene, it features a magnet on its underside, making this antenna resistant to wind and vibrations inherent in a moving vehicle.

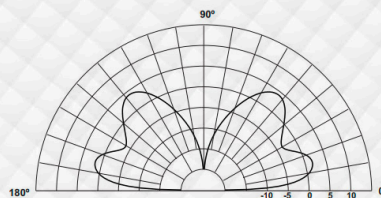
Partnumber	Model	Range	Connector	Cable (mts)
501270	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-3	3
501271	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	TM-138CR	3
501272	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	FME-101	3
501276	MU-00PI REF.	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-3	5
501279	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-3FC	3
501258	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-3FC	5
501582	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-4 90°	3
501582.2	MU-00PI	820 / 960 MHz e 1.7 / 2.5 GHz	SMA-4 90°	5

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 2,0 : 1
Nominal impedance	50 Ω
Maximum power	50 Watts
Gain	6 dBi
Irradiation	Omnidirectional
Coaxial cable	RF-174

MECHANICAL SPECIFICATIONS	
Irradiant material	Stainless steel rod
Total length	330 mm
Weight	0,125 Kg
Fixing	Magnetic base
Area exposed to wind	0,00704 m <sup>2</sup>
Finishing	Black epoxy paint
Maximum operating speed	≥ 150KM/h



Horizontal lobe



Vertical lobe

