

## 1.71~2.17GHz Mini OMNI Antenna with Gain 12dBi for N MALE MOA-1721-12N-M

### APPLICATIONS AND FEATURES

#### Applications:

- 1710~2170 MHz ISM Band
- 12dBi Directional and multipoint applications
- DCS1800 GSM1800 1.8GHz 2G
- PCS1900 GSM1900 1.9GHz
- PCS2000 GSM2000 3G 3.5G
- Public Wireless Hotspot
- WiFi, CDMA, RFID, GSM
- Wireless Video Systems

#### Features :

- Superior performance
- Light weight
- Optional Mounting Kits available
- Durable UV-stable
- Can be installed for either vertical or horizontal polarization
- RoHS Compliant

### SPECIFICATIONS:

MOA-1721-12N-M can be used in indoor and outdoor settings. MOA-1721-12N-M is made in Taiwan and comes with QC reports. The frequency is between 1.71-2.17GHZ, and it is compatible with GSM1800 2G GSM1900 2.5G GSM2000, 3G & 3.5G. It can be mounted on an outdoor wall, or set on the desk. MOA-1721-12N-M comes with different types of mounting kits, N male connector, small quantity order is acceptable.



#### Electrical Specifications

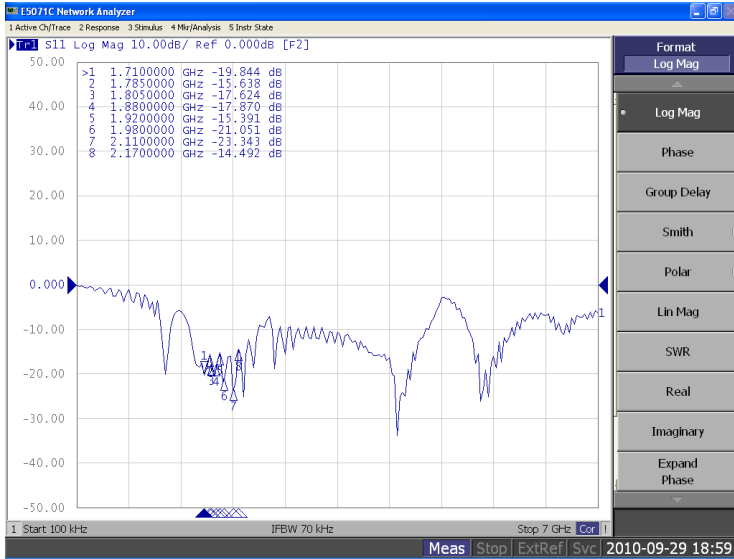
Frequency Range	1.71~2.17GHz
V.S.W.R	≤1.5
Return Loss	≤-13db
Antenna Type	Collinear
Gain	12dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	6°
Horizontal Beam-with	360°
Impedance	50Ω
Connector	N male

#### Mechanical Specifications

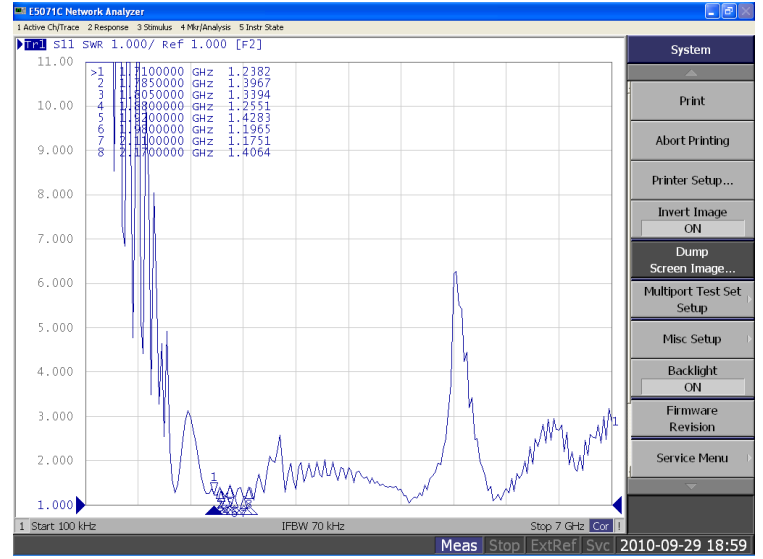
# TESTING REPORT:

Length	1200mm
Diameter	18.8mm
Weight	340g
Wind Survival	> 120 MPH
Radome Material	White Fiberglass
RoHS Compliant	Yes
Operating Temperature	-40°C to +80°C
Clamps	Multiple options
Mounting	Multiple options

## Return Loss

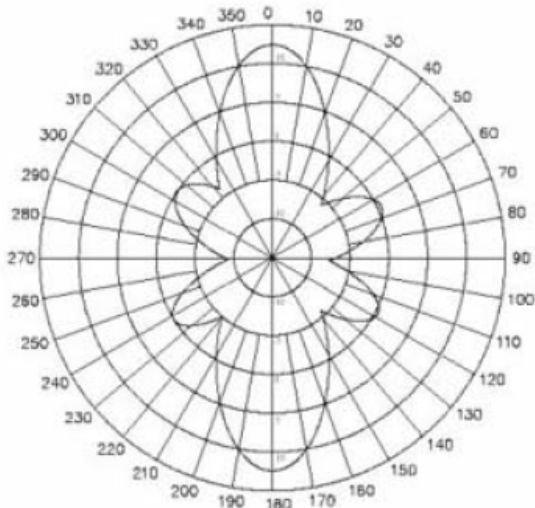


## V.S.W.R

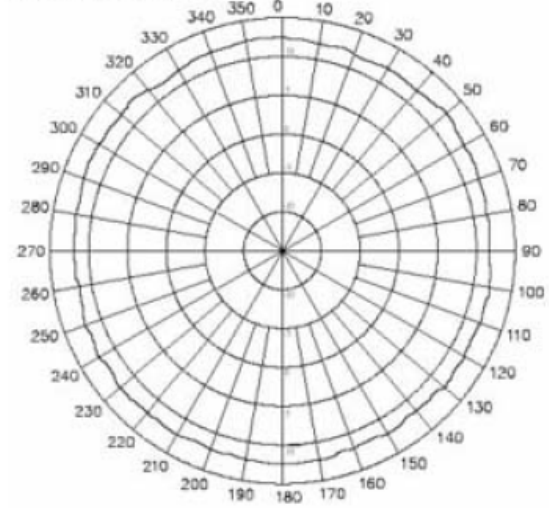


## Antenna Vertical & Horizontal Pattern

### Vertical



### Horizontal



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