

2.4 GHz - 2.5 GHz 5.2dBi Outdoor Mini Omni-Directional Antenna



OM-M15-05X is a high quality of the ISM Band 2.4ghz Omni-directional antenna can be used for IEEE 802.11b, 802.11g, 802.11n, wireless networks can be used in Bluetooth, public wireless hotspot applications and other coverage of point-to-multipoint applications Canton, is the ideal.

OM-M15-05X connector is N-Female, can be directly mounted on the wall, or installed in the 32 ~ 45mm in diameter below the pole, antenna mounting brackets enclosing the antenna.

OM-M15-05X internal antenna is a copper material, and excellent appearance for the stability of fiber glass tube, the base is produced by molding aluminum alloy body, has multiple internal and coupled with water-resistant viscose and has a good wind resistance and prevention of water entry and the overall structure of anti-ultraviolet.

Applications:	Features :
<ul style="list-style-type: none"> ● 2.4 - 2.5 GHz ISM Band ● IEEE 802.11b, 802.11g, 802.11n Wireless LAN ● Directional and multipoint applications ● Bluetooth ● Public Wireless Hotspot ● WiFi, RFID ● Wireless Video Systems 	<ul style="list-style-type: none"> ● Superior performance ● Light weight ● All weather operation ● DC Short lightning protection ● Installed for vertical ● Includes tilt and swivel mast mount ● In accordance with customer needs to change the color or features

Accessories			
			



Electrical Specifications

Frequency Range	2400MHz - 2500MHz
V.S.W.R (MAX)	1.3 :1
Antenna Type	Collinear
Radiation	Omni Directional
Gain (MAX)	5 dBi
Polarization	Vertical
Maximum Power	50 Watts
Vertical Beam-with	26 Deg
Horizontal Beam-with	360 Deg
Impedance	50 Ohm
Antenna Design	Dipole Array
Internal Material	Copper
Connector	57CM pigtail with N-Female, SMA or TNC (Optional)

Mechanical Specifications

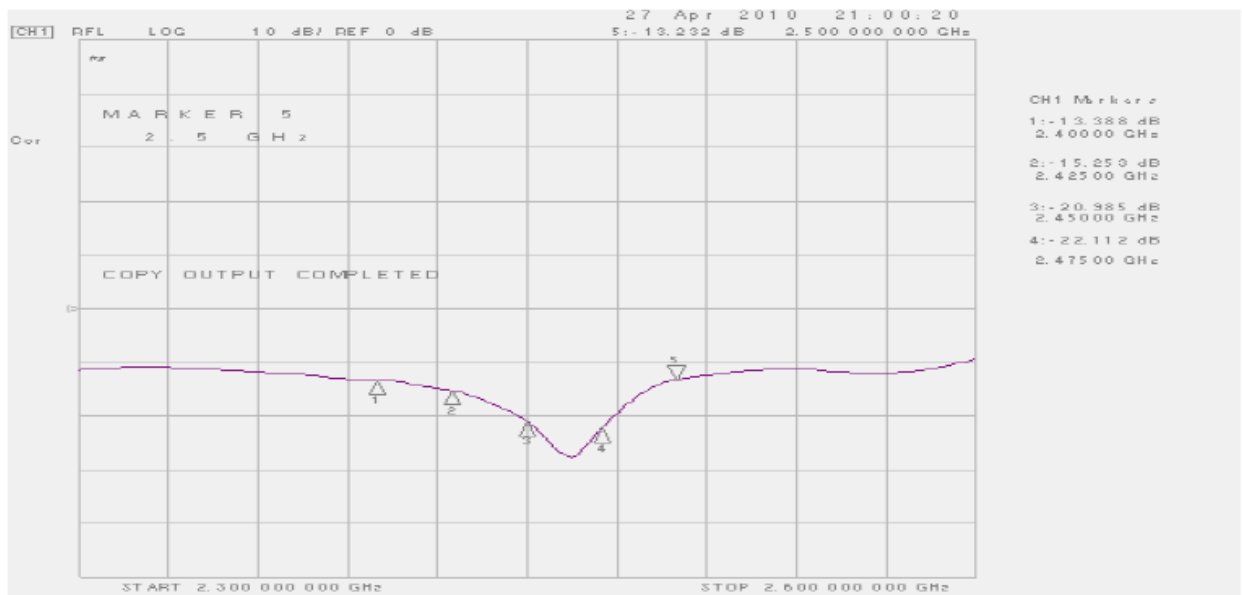
Length (MAX)	310 mm
Diameter (MAX)	20 x 20mm
Antenna Weight (G.W)	150 g
Accessories (G.W)	5 g
Application	Indoor / Outdoor
Radome Material	White Fiberglass
Paets Material	Aluminum
Mount Style	Pole Mount / Well Mount
Mounting	Stanless Steel
Wind Survival	Greater then 150MPH
Storage Temperature	-40 to +80
Operating Temperature	-40 to +60
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing
Safety,Emission and other	RoHS



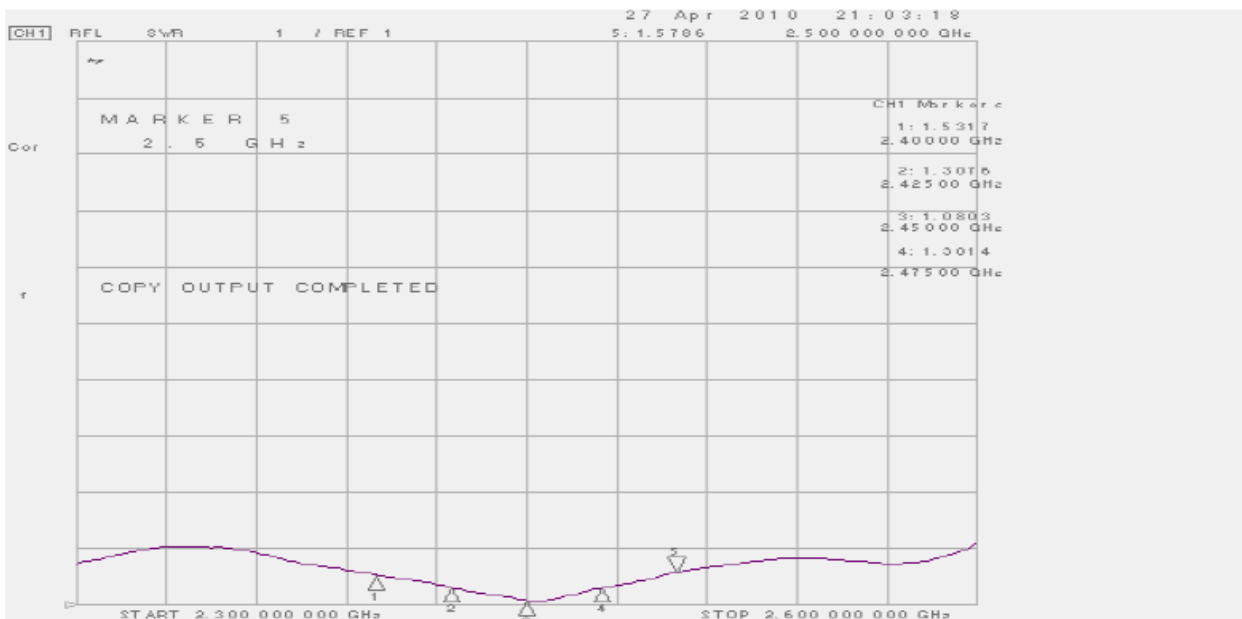
Network Analyzer Test Report

Test Equipment	Agilent 8720ET 50MHz-20.5GHz
Test Equipment Cable	Agilent 60cm Sma male to Sma male
RF connector Adapter	Agilent SMA-Female to N-Male DC~18GHz
Correction	85052D-DC-26.5Ghz
Test Model	OM-M15-05X
Test Port	S11

Return Loss



V.S.W.R



RF Chamber Test Report

Test Equipment	Agilent 8720ET 50MHz-20.5GHz
Chamber	12M(L) X 5.5M(D) X 3.8M(H)
Test Frequency	2.4GHz-2.5GHz
Test Antenna	Schwarzbeck 9120 LF

Vertical Pattern

E-plane co-pol ----- 3-dB beam-width=26 Deg

Horizontal Pattern

H-plane co-pol ----- 3-dB beam-width=360 Deg

