



長 宏 科 技 有 限 公 司
Chang Hong Information Co., Ltd.

2.4-2.5GHz OMNI 8.5dBi ANTENNA FOR N FEMALE



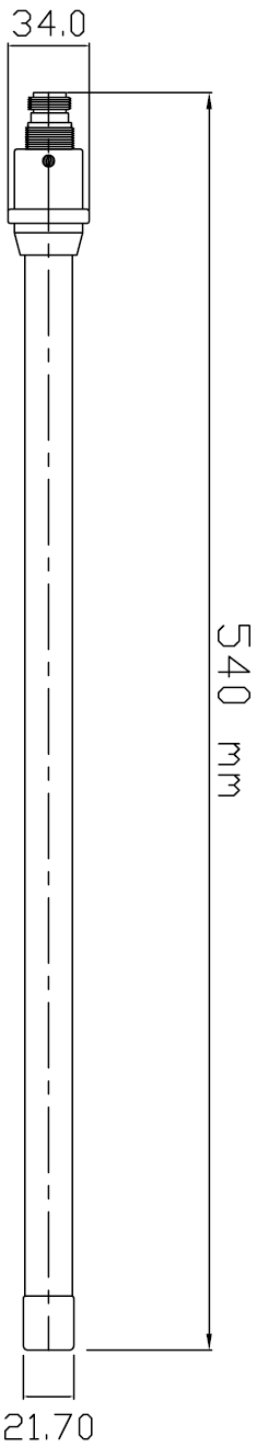
Specifications/Special Features :

This antenna is designed for wifi wireless communications

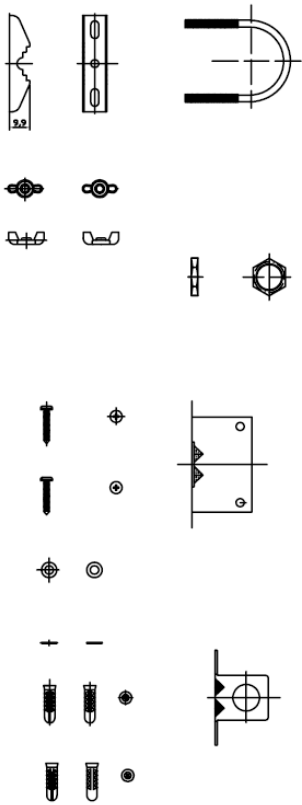
Specification	
Model No.	OA-24-03
Frequency range	2400 ~ 2500MHz
Gain (dBi)	8.5 dBi
VSWR	<1.6
Impedance	50Ω
Polarization	Linear Vertical
HPBW / horizontal	360°
HPBW / vertical	20°
Max Power handling	50W
Antenna Connector	N FEMALE
Survival wind speed	180Km/hr
Temperature	-40°c ~ +80°c
Humidity	100%@25°c
Lightning Protection	Direct Ground
Radome color	Gray-white
Radome material	Fiberglass
Weight+Packing Weight	540g
Dimensions	L540×W34×H34mm

DA-24-03

2.4-2.5GHz OMNI 8.5 dBi FOR N JACK



ANTENNA CONNECTOR :N FEMALE

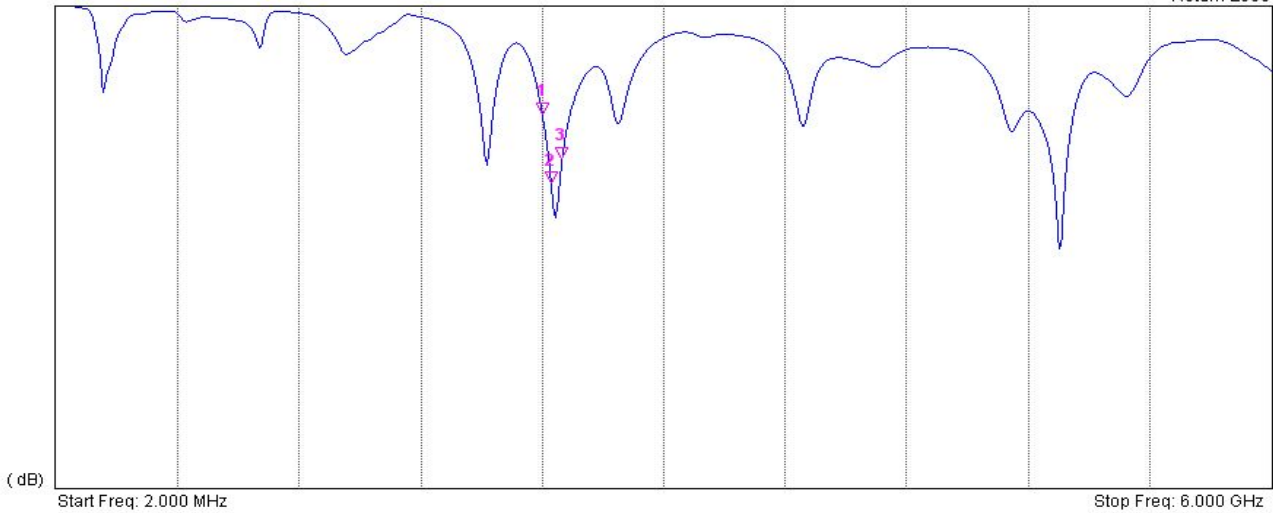


1	FREQUENCY RANGE : 2400-2500MHZ	8	
2	GAIN : 8,5 dBi	9	
3	VSWR : < 1,6 : 1	10	
4	IMPEDANCE : 50 Ω	11	
5	POLARIZATION : LINEAR VERTICAL	12	
6	HPBW/HORIZOTAL : 360°	13	
7	HPBW/VERTICAL : 25°		

VNA Measurement Data
 Captured (2007/6/6 下午 04:41:13)

VNA

Return Loss



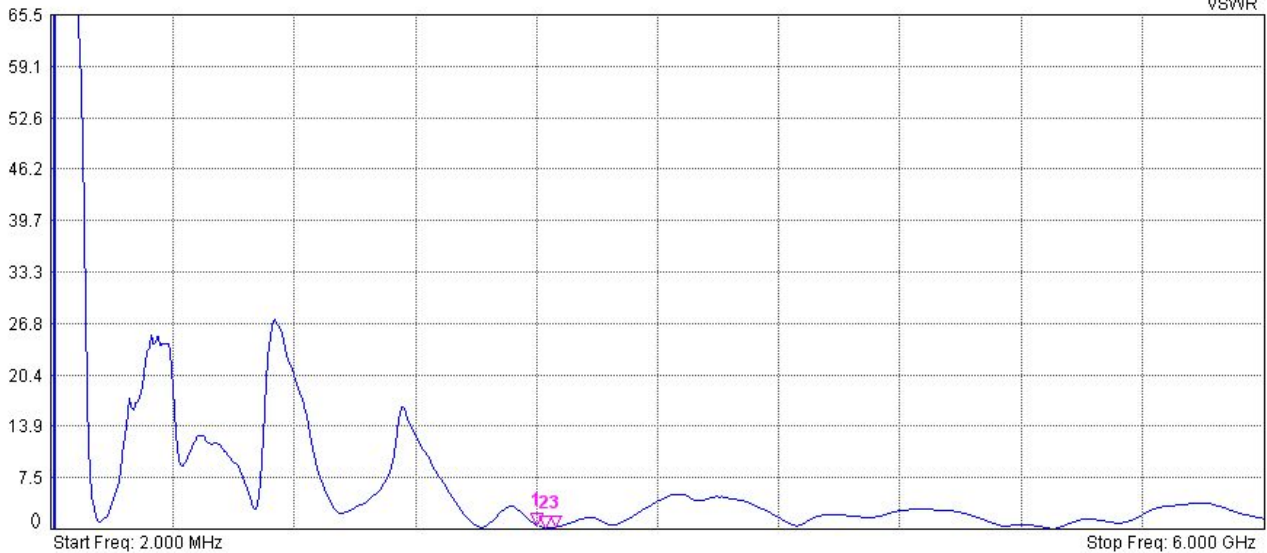
Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	2.4012 GHz	13.43 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	2.4448 GHz	22.04 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	2.4993 GHz	18.95 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On	Serial Number	651009
Data Points	551	Base Ver.	V1.48
Output Power	High	App Ver.	V1.48
Start Frequency	2.000 MHz	Date	2007/6/6 下午 04:41:13
Stop Frequency	6.000 GHz	Device Name	

VNA Measurement Data
 Captured (2007/6/6 下午 04:41:13)

VNA

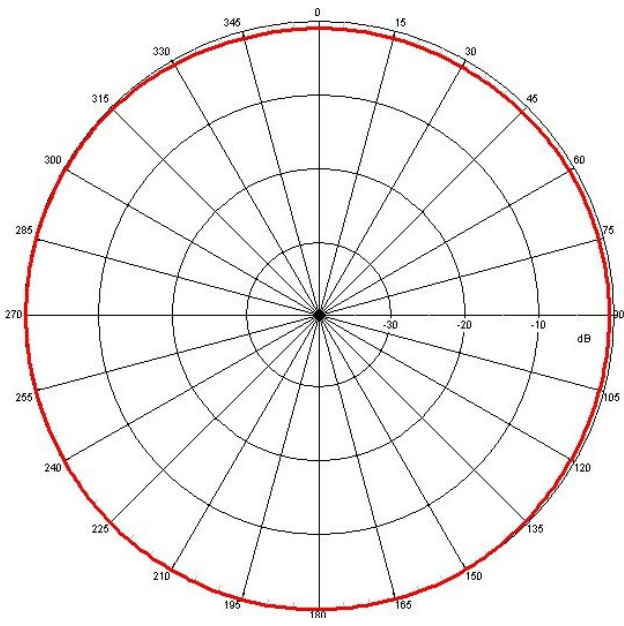
VSWR



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	2.4012 GHz	1.54	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	2.4448 GHz	1.17	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	2.4993 GHz	1.25	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On	Serial Number	651009
Data Points	551	Base Ver.	V1.48
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Start Frequency	2.000 MHz	Date	2007/6/6 下午 04:41:13
Stop Frequency	6.000 GHz	Device Name	

H-PLANE



E-PLANE

