

## 2.4GHz USB OMNI Antenna II 9dBi for 802.11N



### FEATURES:

- Support advanced 1 x 1 Technology with up to 150Mbps downstream data rate
- Low Noise Amplifier(LNA) support
- Complies with 2.4GHz IEEE802.11b/g/n standards
- Support 20MHz and 40MHz bandwidth
- Multiple BSSID support
- Wireless security - 64/128bit WEP, WPA, WPA2
- QoS enhancement - WMM
- Link/Activity LED indicator
- USB 2.0 Interface
- Support Soft AP

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# SPECIFICATIONS:

## Antenna Electrical Specifications

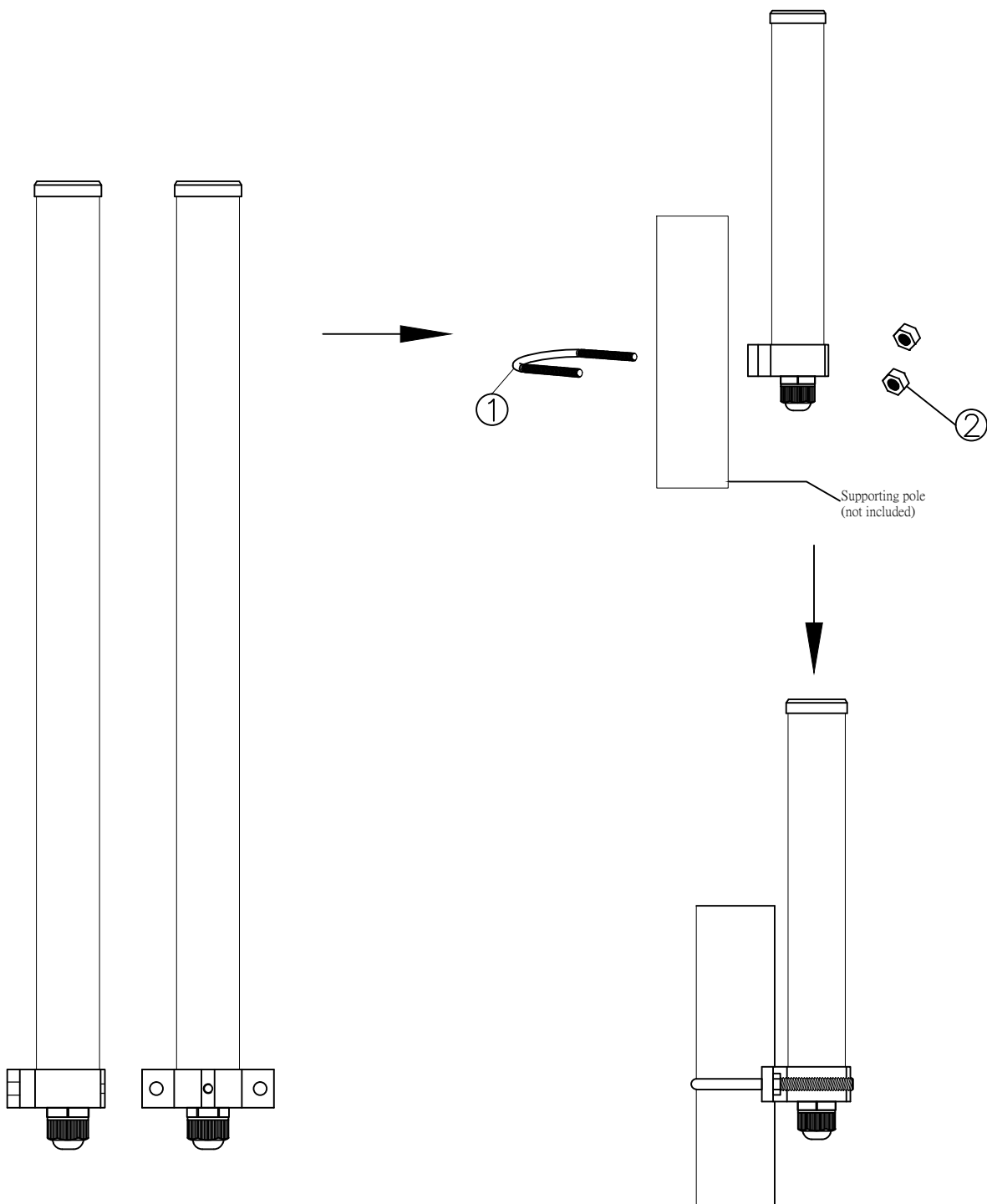
Frequency Range	2400MHz - 2484MHz
V.S.W.R	≤1.5
Return Loss	≤-14db
Gain	9dBi
Antenna Type	PCB patch
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	13°
Horizontal Beam-with	360°
Impedance	50Ω
Connector	USB 3m CABLE

## Technical Information

Standard	IEEE 802.11b/g/n
RF Output Power(Typical)	802.11b: up to 25 ± 1 dBm 802.11g: up to 20 ± 1 dBm 802.11n: up to 19 ± 1 dBm
Data Rate	802.11b:11, 5.5, 2 and 1 Mbps with auto-rate fall back 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps 802.11n(20MHz):up to 72Mbps 802.11n(40MHz): up to 150Mbps
Size	L500 x D35mm
Weight	365g

Category	Item	Description
<b>General</b>	Standards	IEEE 802.11b/g/n USB 2.0 standard
	Data Rate	802.11b:11,5.5,2 and 1 Mbps with auto-rate fall back 802.11g:54,48,36,24,18,12,9&6 Mbps 802.11n(20MHz): up to 72Mbps 802.11n(40MHz): up to 150Mbps
	OS Supported	Windows®2000, XP 32/64, Vista 32/64, Win7 32/64
<b>Hardware</b>	Chipset	RT3070
	Channel	1~11 channels (North America) 1~13 channels (General Europe) 1~14 channels (Japan)
	Frequency Stability	2.400GHz ~ 2.484GHz
	Data Modulation Type	-92dBm @ 802.11g -95dBm @ 802.11b -92dBm @ 802.11n
	Power	5V DC
	Security	64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x) WPA Mixed
	Operating Temp	0°C ~ +60°C
<b>Environment Spec</b>	Storage	-20°C ~ 70°C ambient temperature
	Humidity	10% ~ 90% (Non-condensing)

# 2.4GHz USB OMNI Antenna II



## ACCESSORIES

①  \* 1 PC

②  \* 2 PC