

# 2.4GHz 9dBi Omni-directional Antenna



### Full 360° coverage with greater penetration

To effectively eliminate Wi-Fi dead spots, PLANET provides 9dBi high gain omni-directional antenna, the ANT-OM9, for the users who desire to expand the wireless coverage in large indoor space. The ANT-OM9 is a 2.4GHz High Gain Desktop Antenna with adjustable angle, high-quality textures and stylish design. It effectively enhances the performance and extends the radius distance of 360-degree horizontal coverage range of 802.11n equipment including not only AP / router device but also wireless USB / PCI adapter with built-in easy-to-attach RP-SMA connector.

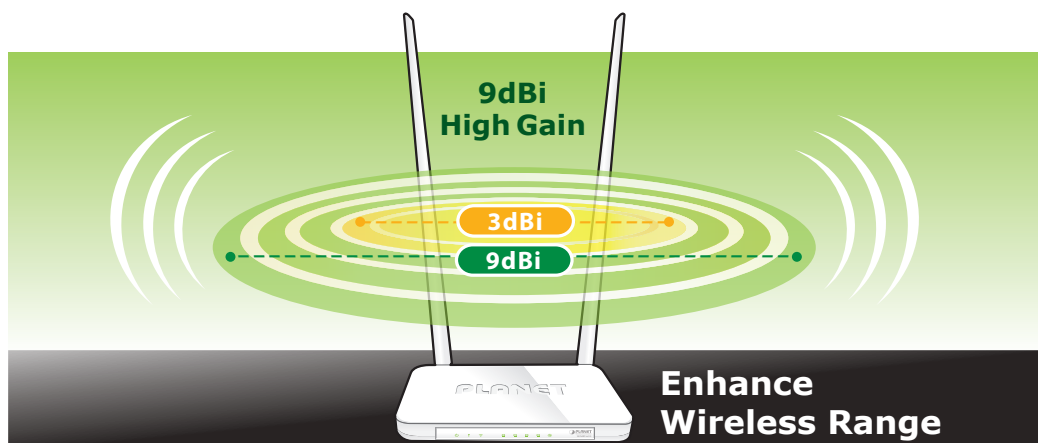
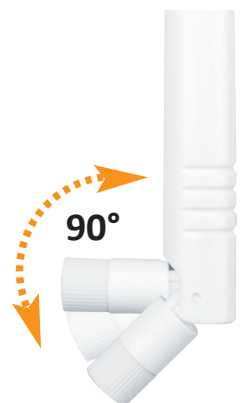
## Applications

### Optimizing Wi-Fi network by simply upgrading antenna

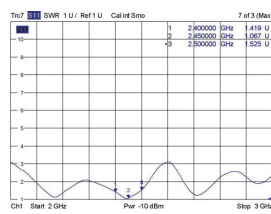
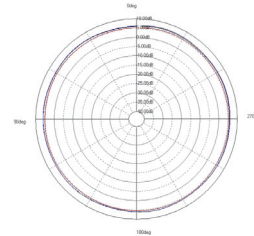
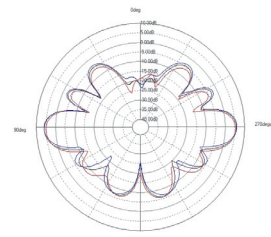
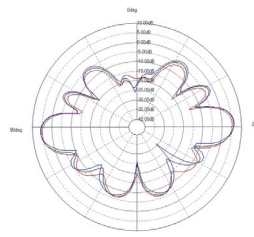
Compared with the traditional 3dBi antenna, the ANT-OM9 is 2X stronger in signal strength and 3X longer in distance. The ANT-OM9 can be flexibly placed in any best-covered location; even the users place the wireless equipment in an invisible place, the signal still can get the excellent quality. With the ANT-OM9, the users can easily upgrade their existing wireless devices to be more powerful without having to pay extra to buy other equipment.

### Product Features

- Compatible with 2.4GHz 802.11n devices
- Optimal 9dBi high gain, capable of eliminating wireless dead spots
- Flexible RP-SMA plug (male) connector type fits all wireless equipment with an RP-SMA Jack (female) antenna connector
- Adjustable 90-degree tilted axis for best wireless transmission
- 360 degrees of wireless network coverage, no aiming required
- High-quality, elegant and stylish design
- No configuration or installation software required



## Specifications

Model	<b>ANT-OM9</b> 2.4GHz 9dBi Omni-directional Antenna	
<b>Electrical Specifications</b>		
Frequency range	2400 ~ 2500MHz	
Antenna gain	9dBi	
VSWR	2.0:1 max.	
HPBW/ Horizontal	360 degrees	
HPBW/ Vertical	15~18 degrees	
Polarization	Linear, vertical	
Impedance	50 Ω	
<b>Mechanical Characteristics</b>		
Radome color	White	
Radome material	ABS	
Connector	RP SMA Plug (male)	
Dimensions (Φ x L)	17 x 384 mm	
Weight	39g	
<b>Environmental Specifications</b>		
Temperature	-10 ~ 55 degrees C	
Humidity	95% @55°C	
<b>VSWR &amp; Radiation Patterns</b>	VSWR	XY-plane
		
	YZ-plane	ZX-plane
		

## Ordering Information

ANT-OM9	2.4GHz 9dBi Omni-directional Antenna
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## Related Wireless Products

WNRT-633	300Mbps 802.11n Wireless Gigabit Broadband Router
WNRT-617G	150Mbps 802.11n Wireless 3G Router
WNAP-1110	150Mbps 802.11n Wireless Range Extender
WNL-U555HA	High Power 802.11n Wireless Compact USB Adapter
WNL-U554A	802.11n Wireless USB 2.0 Adapter External 3dBi Antenna
WNL-9501	802.11n Wireless PCI Express Adapter
IAP-2000PE	Industrial 802.11n Wireless Access Point
IAP-2000PS	Industrial 802.11n Wireless Access Point
IAP-2001PE	Industrial 802.11n Wireless AP / Fiber Router

To have the best performance and wireless connection, we sincerely advise you to match with the above related products.

### PLANET Technology Corporation

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