



MP Antenna, LTD.  
147 Eady Court  
Elyria, Ohio 44035

440.387.5968 phone  
440.545.3500 fax  
www.mpantenna.com  
sales@mpantenna.com

**Part Number: 08-ANT-1114-B**

model number: 08-ANT-1114  
product description: Dual Feed Omni Antenna

**Electrical Data**

frequency range: 4.9 - 7.5GHz	environmental cond.: Outdoor/Indoor
gain: 4dBi	operation temperature: -40 to 85 deg C
vswr: <1.8:1	storage temperature: -40 to 85 deg C
horizontal pattern type: Omni Directional	transport temperature: -40 to 85 deg C
vertical patter type: Hemispheric	IP Rating: IP67
ground plane: Built In	RoHS - REACH Compliant
min ground plane: N/A	

**Environmental Data**

**General Data**

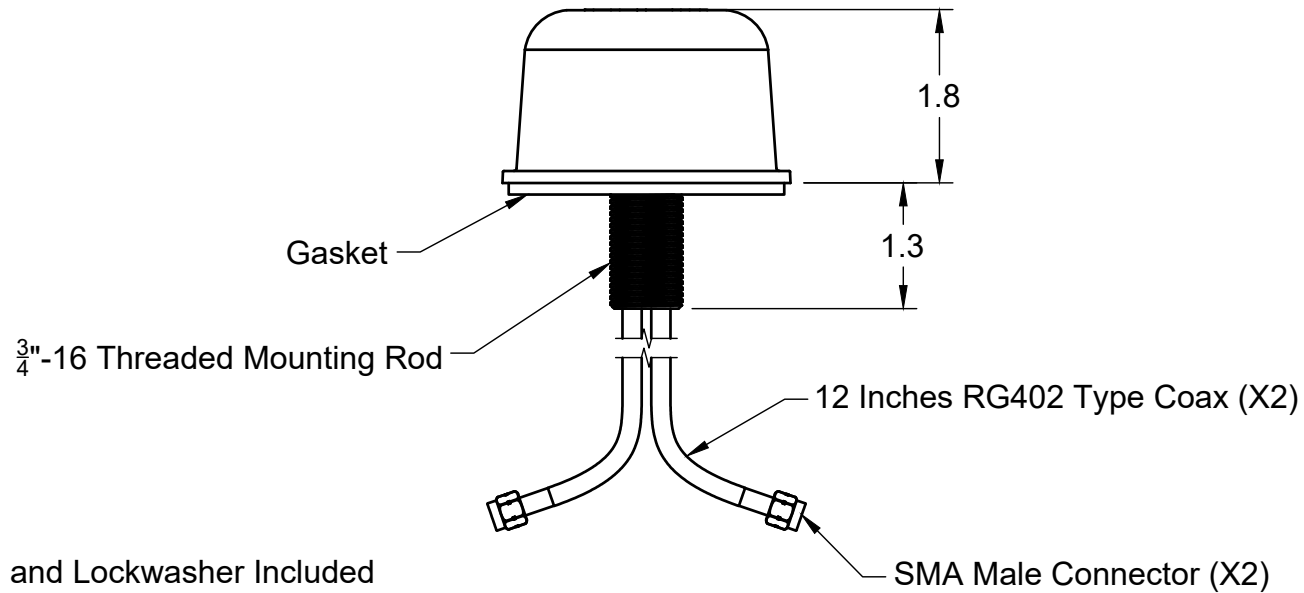
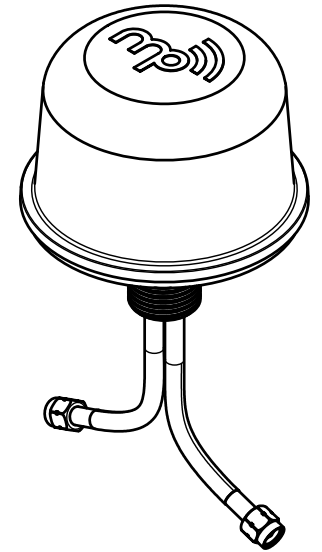
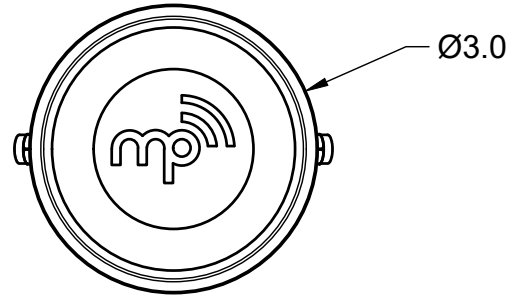
color: White or Black	length: 3.0 in
antenna feeds: Two	width: 3.0 in
coax length: 1 ft	radome height: 1.8 in
coax type: RG402 Series	total height: See Drawing
connector type: SMA Male	mounting type: Thru Hole
polarization: Multi-Polarized	hardware included: Nut, Washer, Lockwasher
power: 50 Watts Input	
impedance: 50 ohms Nominal	
construction: UV Stabilized ASA	

**Mechanical Data**

**\* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.**



Frequency Range	Number of Feeds	Mounting Hole Diameter	Max Mounting Surface Thickness
4.9-7.5 GHz	2	0.75 Inches	0.75 Inches



Notes:  
Mounting Nut, Washer, and Lockwasher Included

MP ANTENNA, LTD. 147 Eady Court Elyria, Ohio 44035 www.mpantenna.com	THIRD ANGLE  DIMENSIONS ARE IN INCHES		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MP ANTENNA, LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MP ANTENNA LTD IS PROHIBITED.	<b>DESCRIPTION:</b> Dual Feed, 4.9-7.5 GHz Omni Antenna, 1 Foot Coax, SMA Male	<b>PART NO.</b> 08-ANT-1114-BL-B1 (Black Color) 08-ANT-1114-WH-B1 (White Color)	
		NAME				DATE
	DRAWN	MC				11/02/23



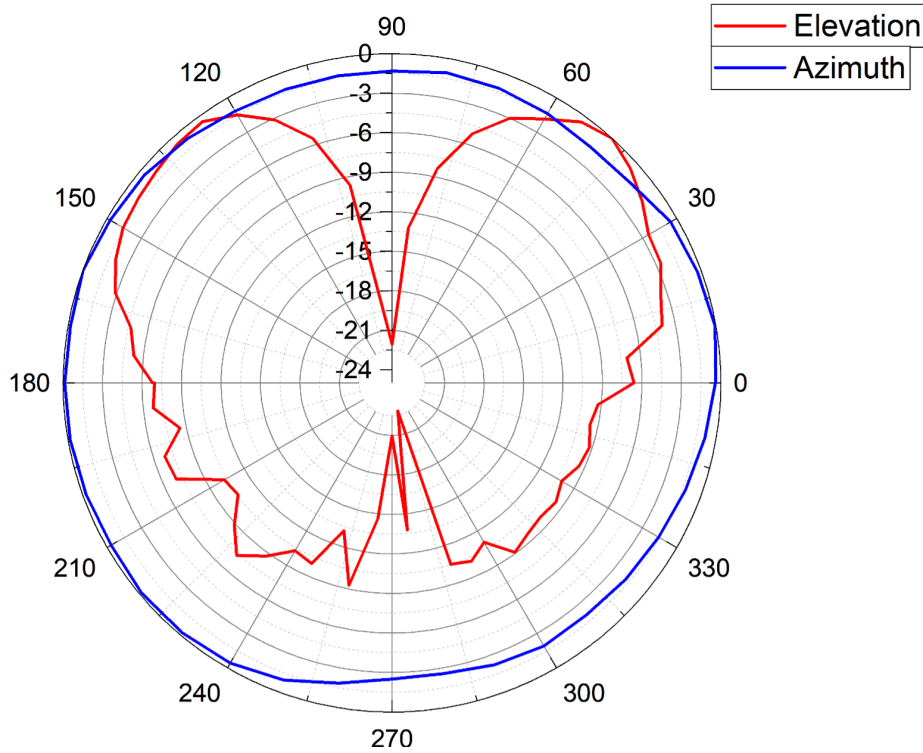
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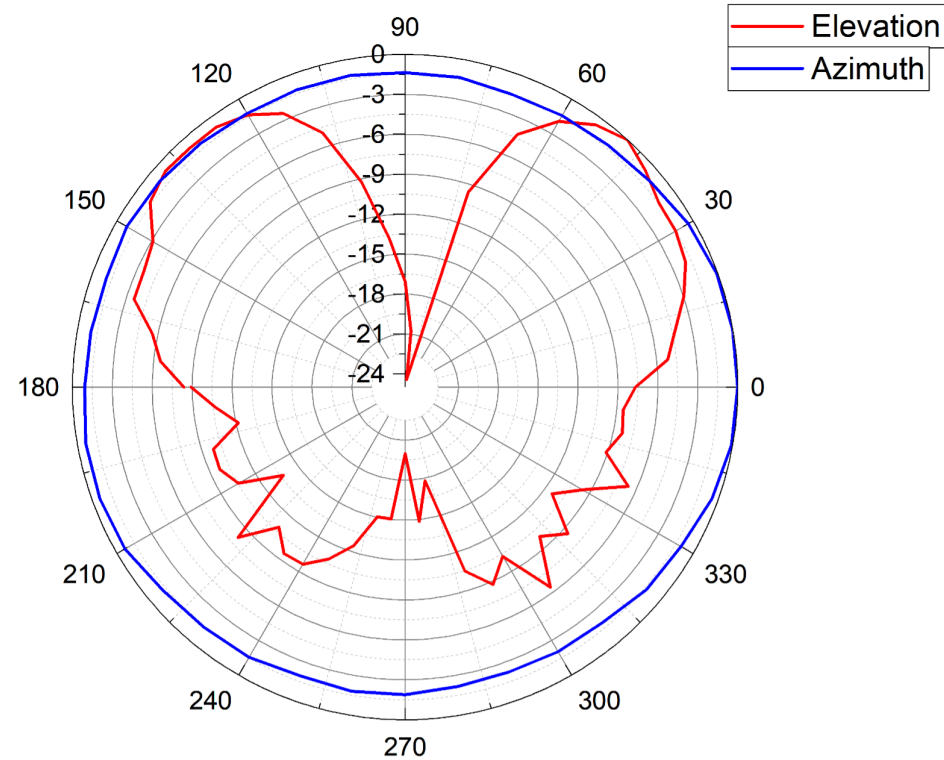
**Part Number: 08-ANT-1114-B**

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Frequency: 4.9 GHz  
Max Gain: 4dBi



Frequency: 5.15 GHz  
Max Gain: 4dBi





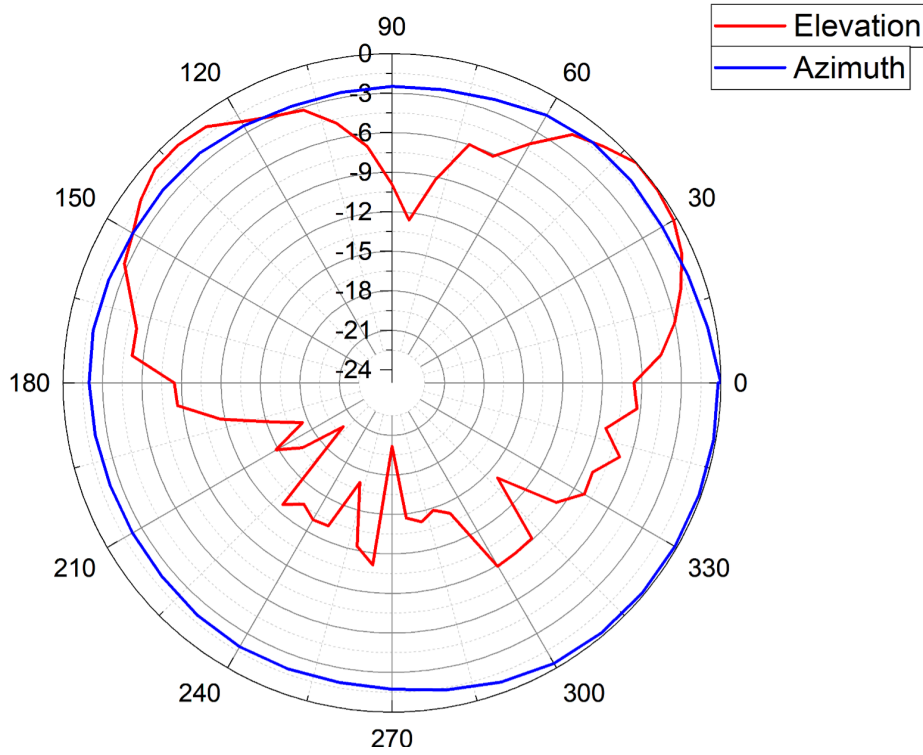
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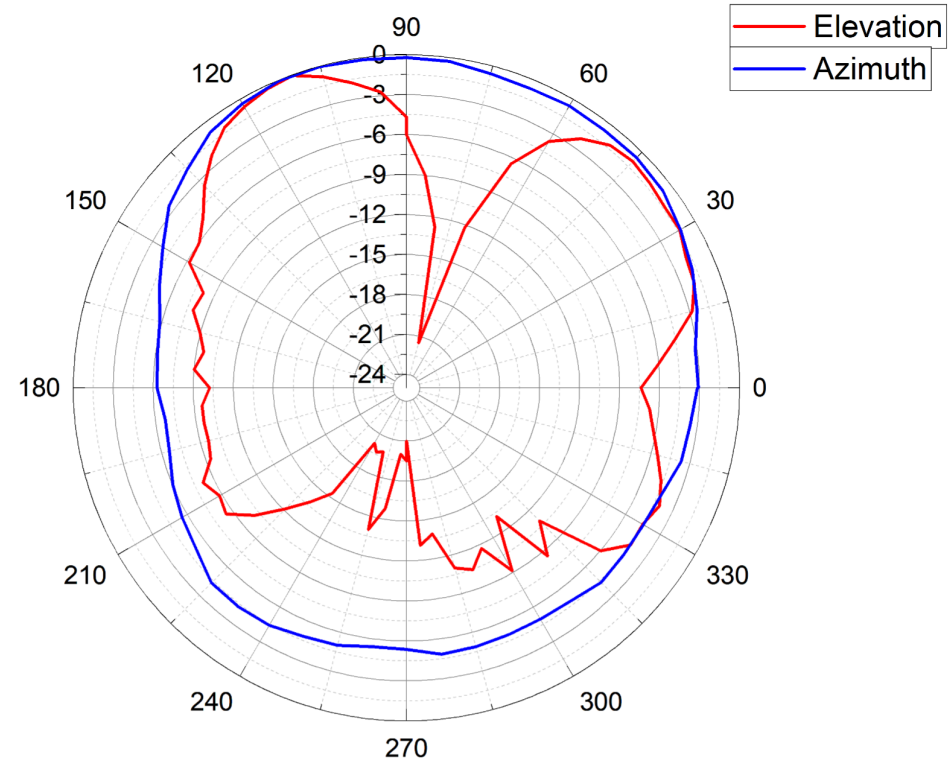
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Frequency: 5.8 GHz  
Max Gain: 4dBi



Frequency: 6 GHz  
Max Gain: 4dBi





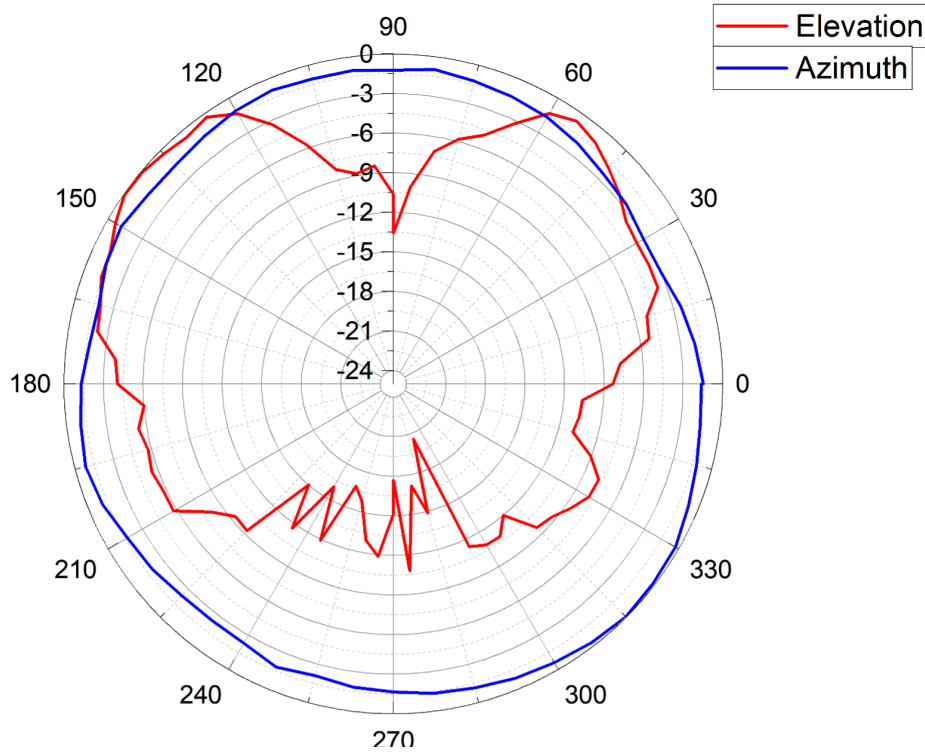
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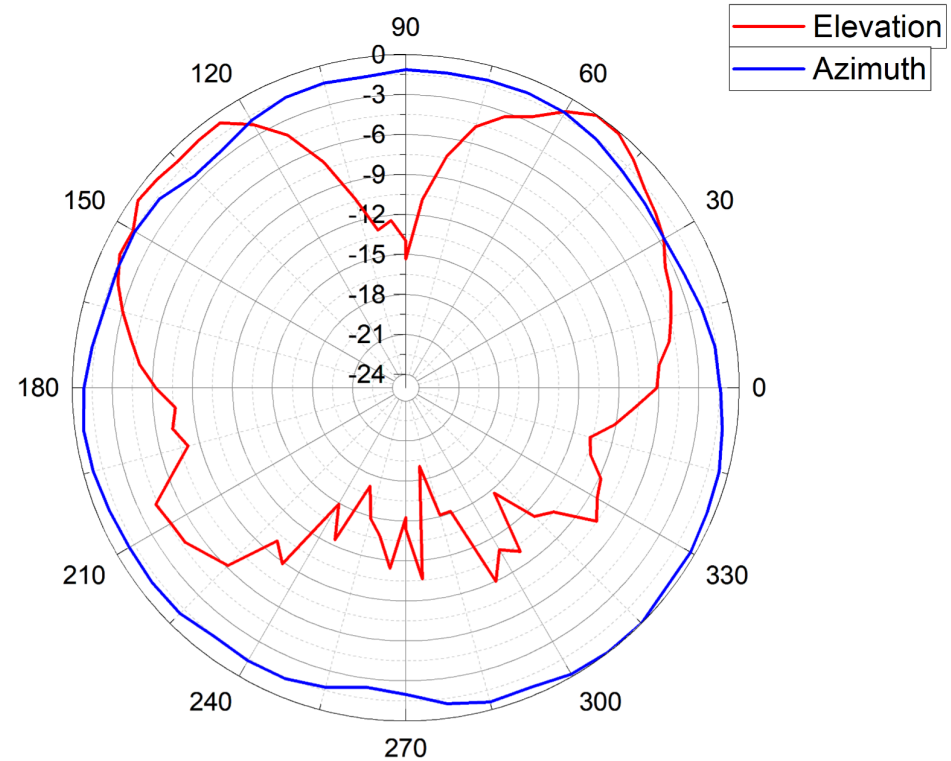
**Part Number: 08-ANT-1114-B**

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Frequency: 6.425 GHz  
Max Gain: 4dBi



Frequency: 6.525 GHz  
Max Gain: 4dBi





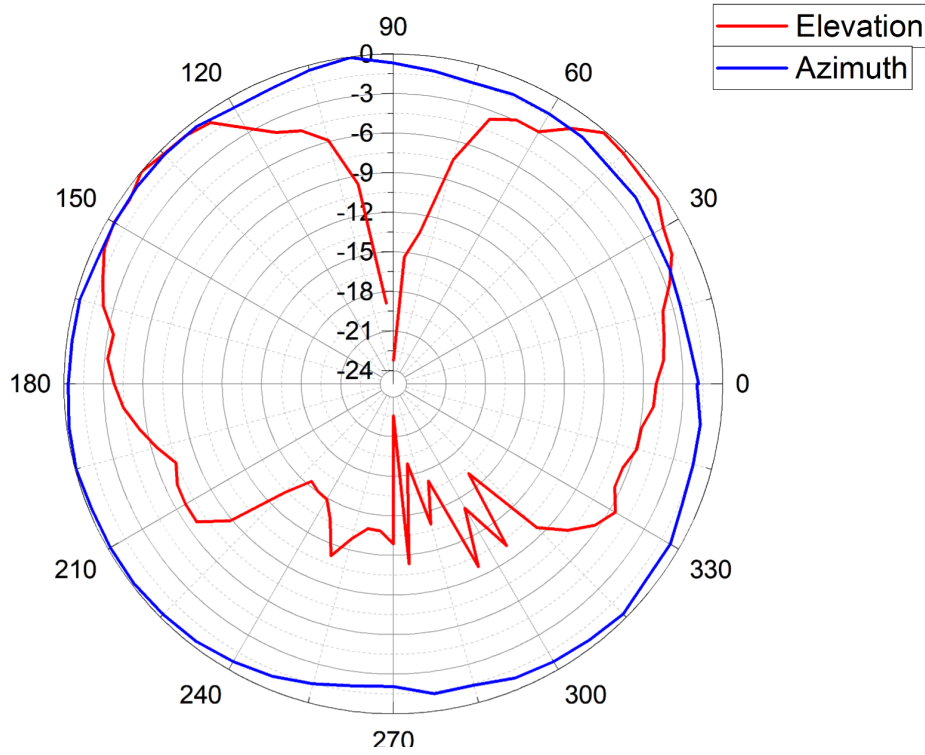
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Frequency: 6.875 GHz  
Max Gain: 4dBi



Frequency: 7.125 GHz  
Max Gain: 4dBi

