



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: MPL1625-2500-B-DIR**

model number: MPL1625-2500  
product description: 1625-2500 MHz Omni DIRECTIONAL UAV Drone Antenna

**Electrical Data**

frequency range:	1625-2500 MHz	environmental cond.:	Outdoor
gain:	see graphs	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:	Full	IP Rating:	IP67
ground plane:	Built In	RoHS - REACH	Compliant
min ground plane:	N/A		

**Environmental Data**

**General Data**

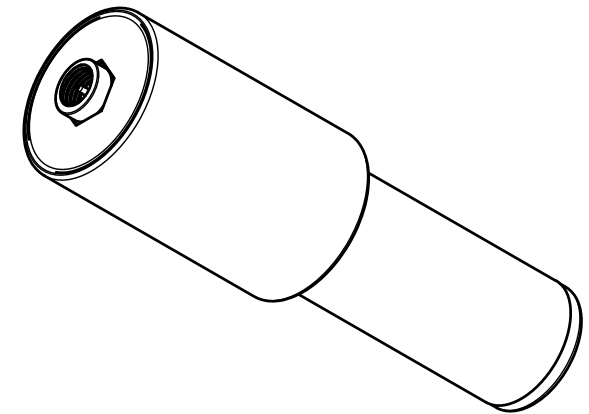
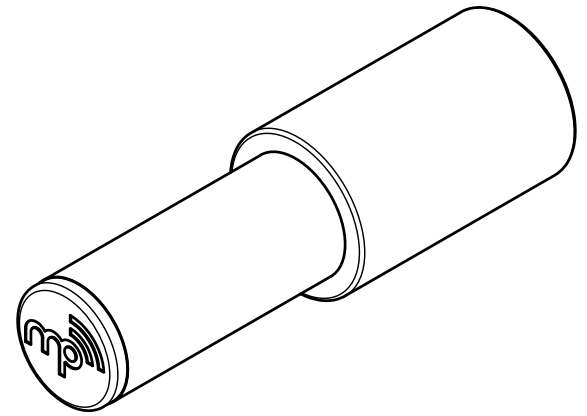
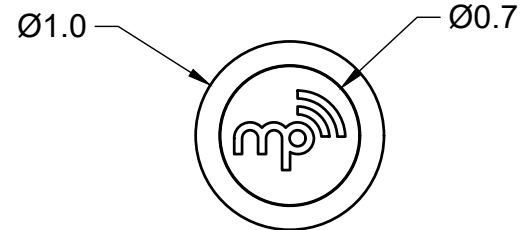
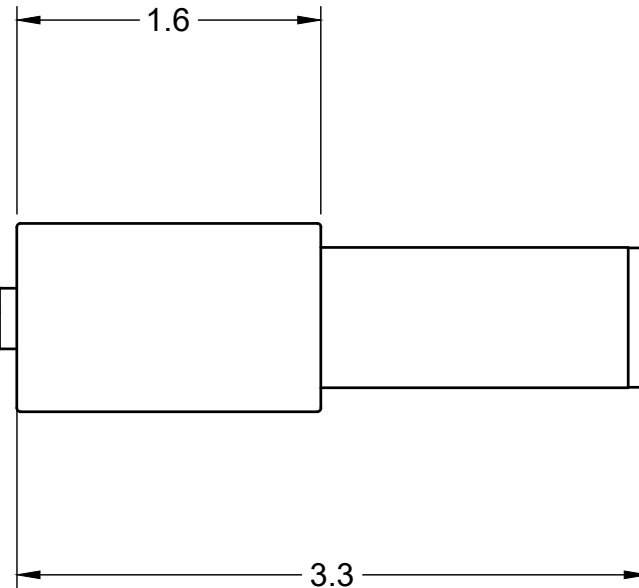
color:	Black	length:	1.0 in
antenna feeds:	One	width:	1.0 in
coax length:	Direct Mount	radome height:	3.3 in
coax type:	Direct Mount	total height:	See Drawing
connector type:	SMA Male	mounting type:	Connector
polarization:	Multi-Polarized	hardware included:	N/A
power:	50 Watts Input		
impedance:	50 ohms Nominal		
construction:	ABS Aluminum		

**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.**



SMA Male



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DIMENSIONS  
ARE IN INCHES

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**DESCRIPTION:**

Direct Attach 1625-2500 MHz  
Antenna, SMA Male

**PART NO.**

MPSL1625-2500-B-DIR

	NAME	DATE
DRAWN	MC	02/07/24



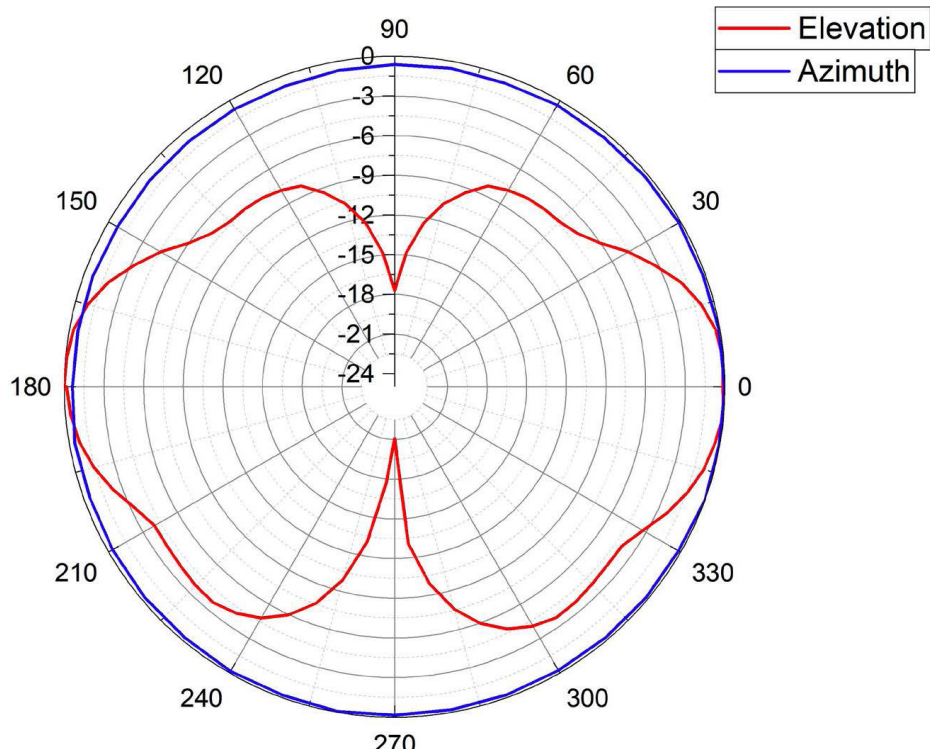
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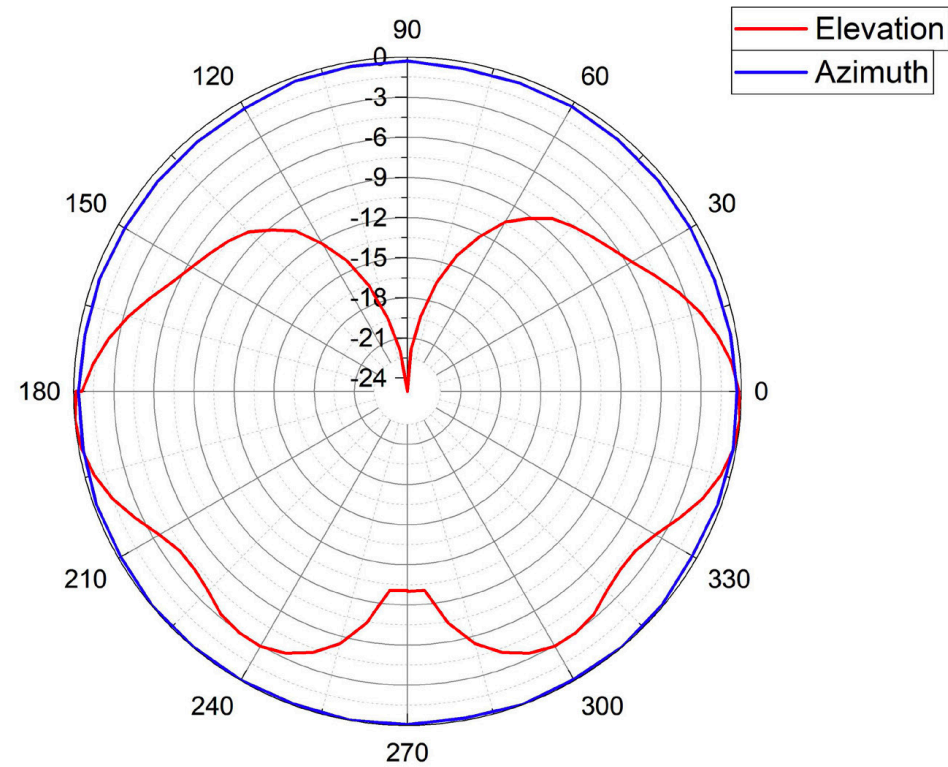
**Part Number: MPL1625-2500-B-DIR**

model number: MPL1625-2500  
product description: 1625-2500 MHz Omni Directional UAV Drone Antenna

Frequency: 1675Hz  
Max Gain: 2dBi



Frequency: 1815 MHz  
Max Gain: 3.5dBi





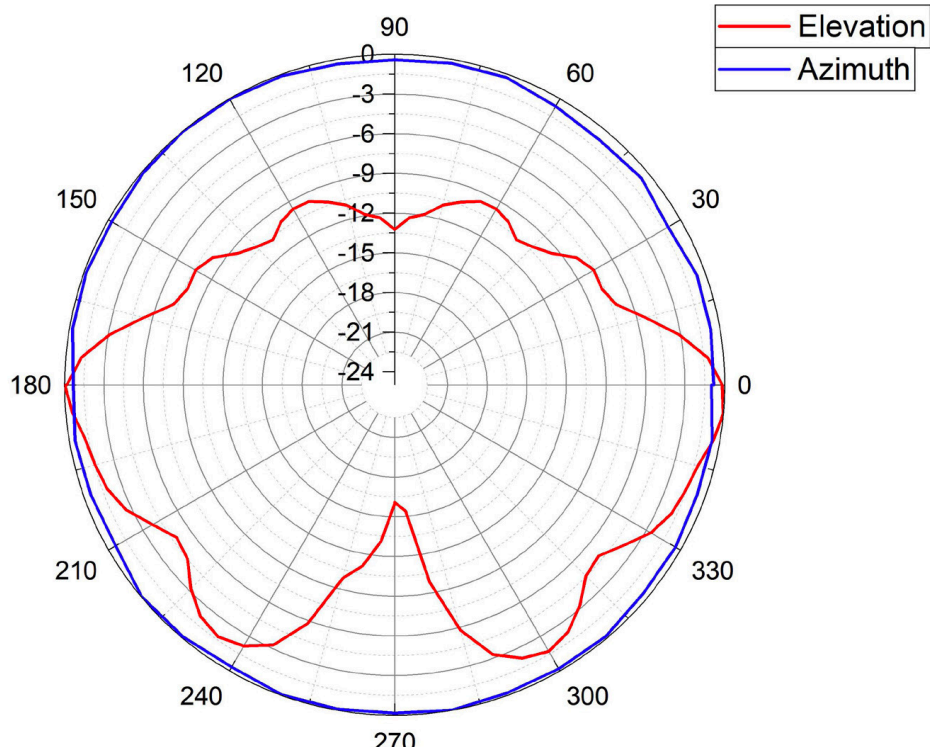
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**Part Number: MPLS1625-2500-B-DIR**

model number: MPLS1625-2500  
product description: 1625-2500 MHz Omni Directional UAV Drone Antenna

Frequency: 2350Hz  
Max Gain: 2.5dBi



Frequency: 2450 MHz  
Max Gain: 4dBi

