



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: MP5L5000**

model number: MP5L5000

product description: 5-6 GHz Omni UAV Drone Antenna

**Electrical Data**

frequency range: 5-6 GHz	IP rating: IP66
gain: 5dBi	power: 50 Watts
vswr: <1.7:1	impedance: 50 Ohms nominal
horizontal pattern type: Omni	operational temp: -30C to 85C
vertical patter type: Full	
ground plane: Built In	

**General Data**

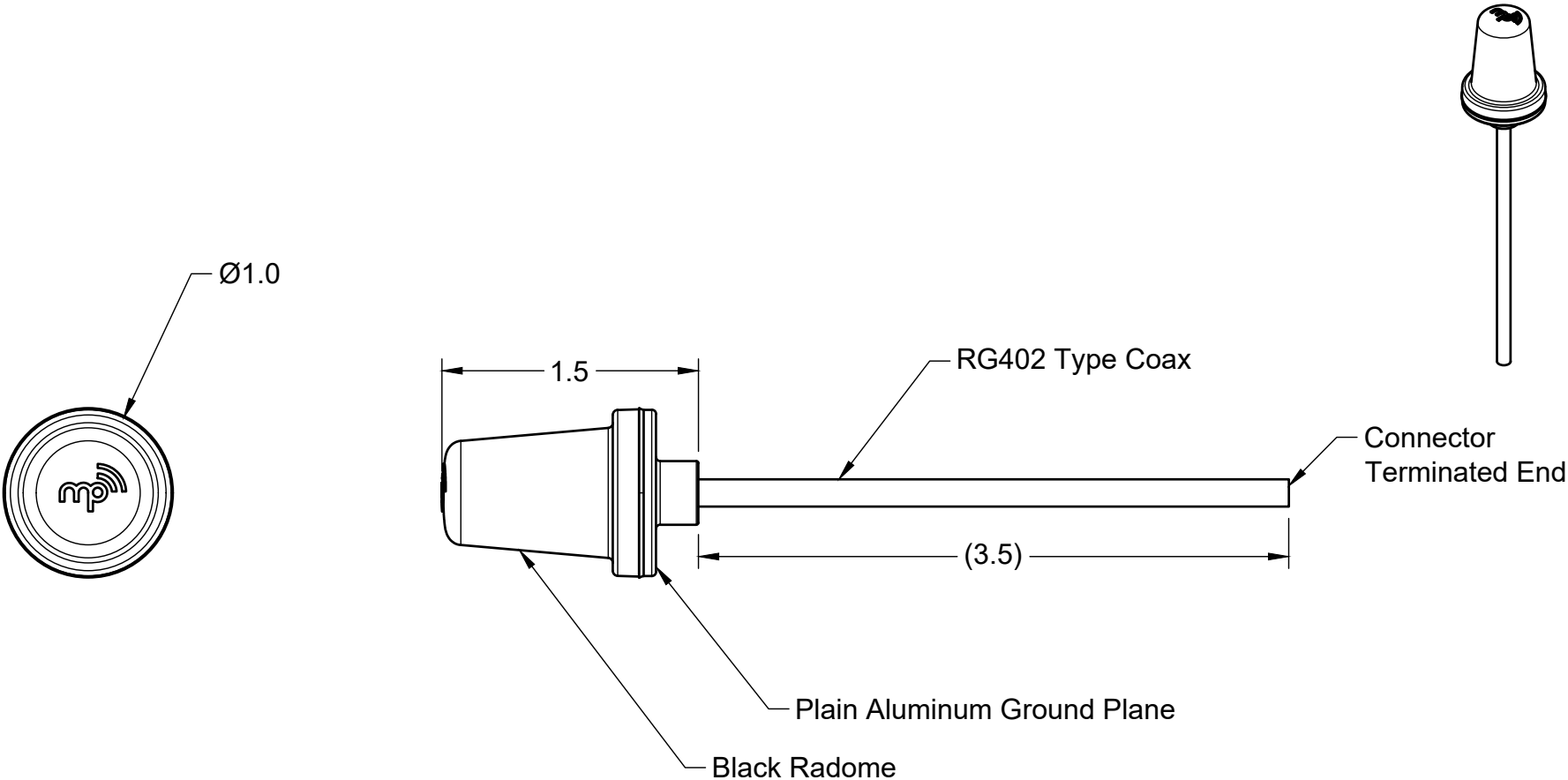
color: Black
antenna feeds: One
coax length: See Specific Part Number
Drawing
coax type: 402 Series Semi Rigid
connector type: Various
polarization: Multi-Polarized
construction: ASA, Aluminum
hardware included: N/A

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


**\* Test performed on configuration: MP5L5000-BL-B**



Frequency Range	Connector	Color
5-6 GHz	Various	Black



Notes:  
Referenced 3.5" Length Dependent on Connector Type

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> 5-6 GHz Swarmlink UAV Antenna	<b>Model Number:</b>  MP5000
		NAME	DATE		
	DRAWN		5/14/2025		



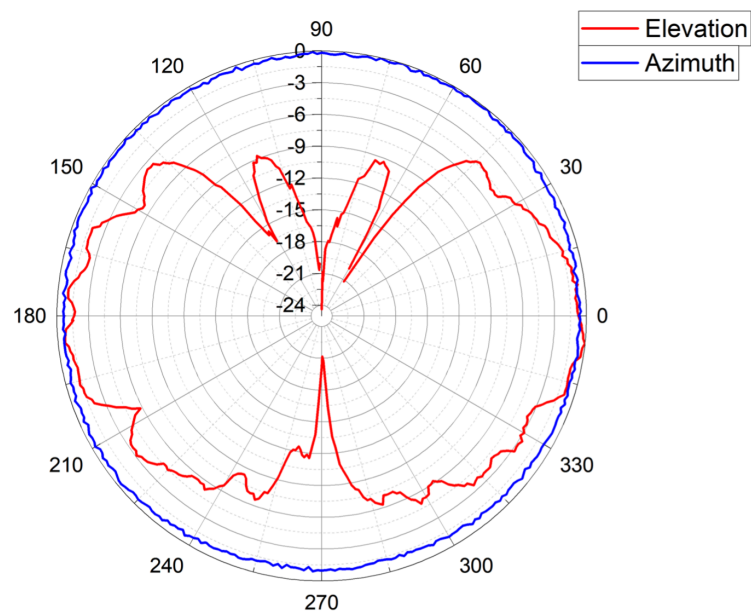
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Frequency: 5.15 GHz  
Peak Gain: 4.4 dBi



Frequency: 5.8 GHz  
Peak Gain: 5 dBi

