



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: MPL5000-BL-B**

model number: MPL5000-BL-B  
product description: 5000-6000MHz Omni Directional UAV Drone Antenna

**Electrical Data**

frequency range: 5000-6000MHz	environmental cond.: Outdoor
gain: 4dBi	operation temperature: -40 to 85 deg C
vswr: <1.5:1	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

**Environmental Data**

**General Data**

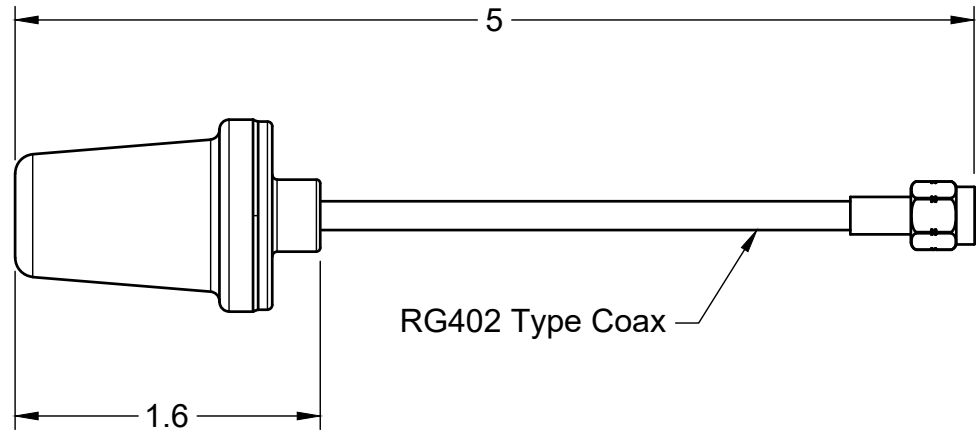
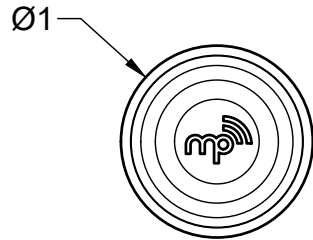
color: Black	length: 1.0 in
antenna feeds: One	width: 1.0 in
coax length: 3.5 in	height: 5.0 in
coax type: RG402	mounting type: Connector
connector type: SMA Male	hardware included: N/A
polarization: Multi-Polarized	weight: 1.1 oz
power: 50 Watts Input	
impedance: 50 ohms Nominal	
construction: ABS Aluminum	

**Mechanical Data**

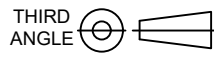
**\* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.**



Frequency Range	Connector Type	Color
5-6GHz	SMA Male	Black



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DIMENSIONS  
ARE IN INCHES

	NAME	DATE
DRAWN	PS	8/26/20

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**DESCRIPTION:**  
5000MHz Swarmlink UAV  
Antenna

**PART NO.**  
MPSL5000-BL-B



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**Part Number: MPL5000-BL-B**

model number: MPL5000-BL-B  
product description: 5000-6000MHz Omni Directional UAV Drone Antenna

Frequency: 5.8 GHz  
Max Gain: 4dBi

