



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

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www.mpantenna.com  
sales@mpantenna.com

**Part Number: MPL3650**

model number: MPL3650-BL-B  
product description: 3650MHz Omni Directional UAV Drone Antenna

**Electrical Data**

frequency range:	3550-3700MHz	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**

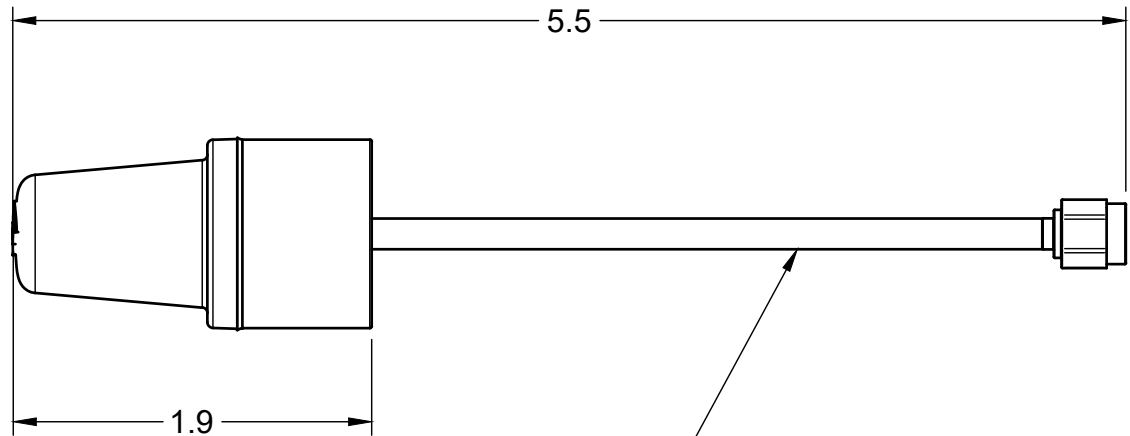
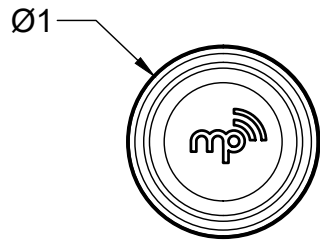
color:	Black	length:	1.0 in
antenna feeds:	One	width:	1.0 in
coax length:	3.5 in	height:	5.5 in
coax type:	RG402	mounting type:	Connector
connector type:	SMA Male	hardware included:	N/A
polarization:	Multi-Polarized	weight:	1.1 oz
power:	50 Watts Input		
impedance:	50 ohms Nominal		
construction:	ABS 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
3.55-3.7GHz	SMA Male	Black



RG402 Type Coax

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> 3.65GHz Swarmlink UAV Antenna	<b>PART NO.</b> MPSSL3650-BL-B
	NAME	DATE			
	DRAWN PS	8/26/20			



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**Part Number: MP3L3650**

model number: MP3L3650-BL-B  
product description: 3650GHz Omni Directional UAV Drone Antenna

Frequency: 3.65 GHz  
Max Gain: 4dBi

