



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

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www.mpantenna.com  
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**Part Number: MP0930-5X-HD GPS**

model number: MP0930-5X-HD GPS  
product description: Dual Band Omni Rugged GPS Antenna

**Electrical Data**

|   |  |
|---|--|
| frequency range: 2-3GHz, 4.9-6GHz         | environmental cond.: Outdoor           |
| gain: 6dBi *                              | operation temperature: -40 to 85 deg C |
| vswr: <1.2:1                              | 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**

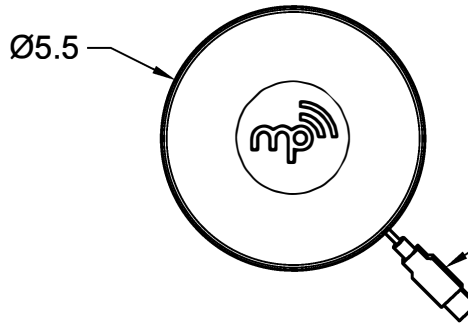
|                                       |                                     |
|---------------------------------------|-------------------------------------|
| color: Black                          | length: 5.5 in                      |
| antenna feeds: Five                   | width: 5.5 in                       |
| coax length: N/A                      | height: 1.8 in                      |
| coax type: N/A                        | weightt: 17 oz                      |
| connector type: N-Female              | mounting type: Surface Mount        |
| polarization: Multi-Polarized         | hardware included: Nuts and Washers |
| power: 50 Watts Input                 |                                     |
| impedance: 50 ohms Nominal            |                                     |
| construction: Impact Resistant Delrin |                                     |

**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.**

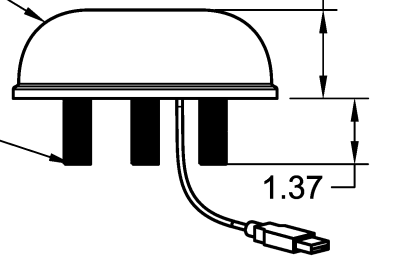


| FREQUENCY RANGE       | MAX MOUNTING SURFACE THICKNESS | COLOR |
|-----------------------|--------------------------------|-------|
| 2-3 GHz;<br>4.9-6 GHz | 0.60 INCHES                    | BLACK |



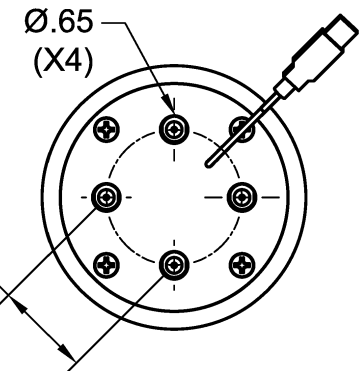
USB GPS approximately 19 feet

0.14" THICK DELRIN RADOME



N-FEMALE CONNECTOR (X4)

RECOMMENDED MOUNTING HOLES



- NOTE:
1. MOUNTING HARDWARE INCLUDED
  2. BUILT IN GROUND PLANE

|   |                                       |         |  |   |   |
|---|---------------------------------------|---------|--|---|---|
| MP ANTENNA, LTD.<br>147 Eady Court<br>Elyria, Ohio 44035<br>www.mpantenna.com | THIRD ANGLE  DIMENSIONS ARE IN INCHES |         | <b>PROPRIETARY AND CONFIDENTIAL</b><br>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><br><br>DUAL BAND 4X OMNI<br>HEAVY DUTY RADOME | <b>PART NO.</b><br><br>MP0930-5X-HD-USB-GPS |
|   | NAME                                  | DATE    |  |   |   |
|   | DRAWN PS                              | 1/27/22 |  |   |   |

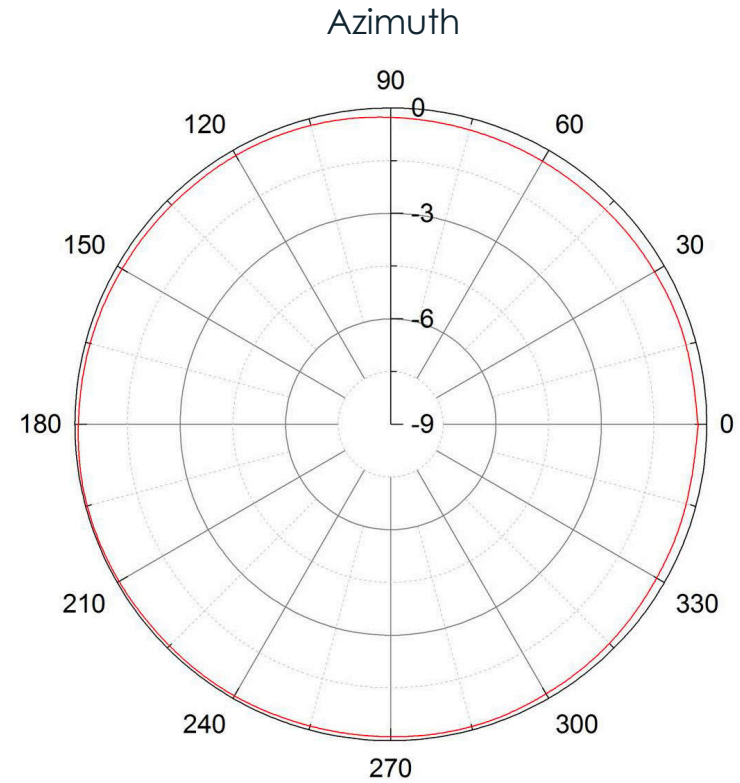
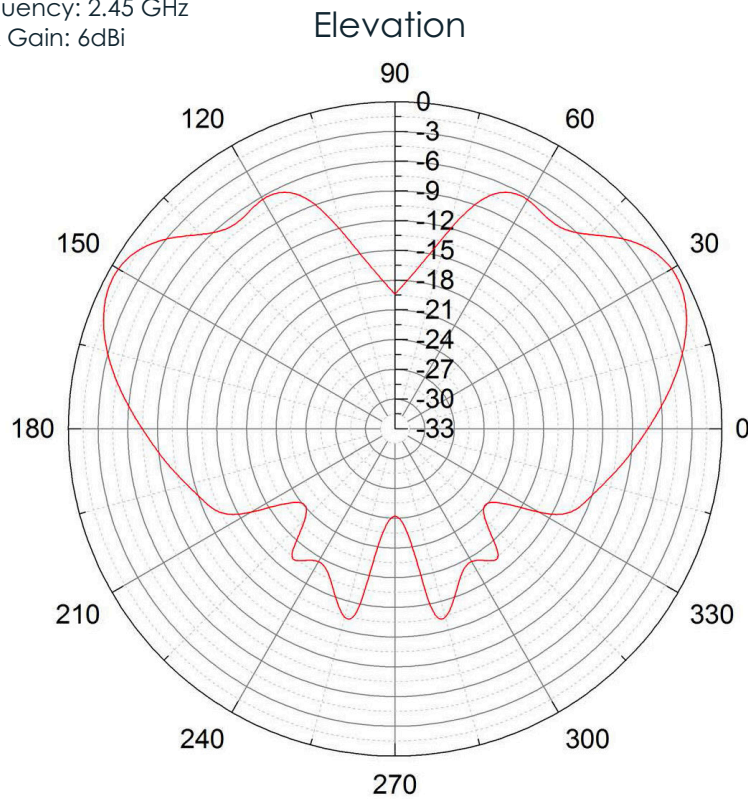


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**Part Number: MP0930-5X-HD GPS**

model number: MP0930-5X-HD GPS  
product description: Dual Band Omni Rugged GPS Antenna

Frequency: 2.45 GHz  
Max Gain: 6dBi





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**Part Number: MP0930-5X-HD GPS**

model number: MP0930-5X-HD GPS  
product description: Dual Band Omni Rugged GPS Antenna

Frequency: 4.95 GHz  
Max Gain: 6dBi

