



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

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www.mpantenna.com  
sales@mpantenna.com

**Part Number: MP0930-2XHD**

product description: RuggedWave Impact Resistant Dual Band Omni Antenna

**Electrical Data**

|  |  |
|--|--|
| frequency range: 2 - 3GHz, 4.9 - 6GHz    | environmental                          |
| gain: 6 dBi *                            | conditions: Outdoor                    |
| vswr: <1.2:1                             | operation temperature: -40 to 85 deg C |
| horizontal pattern type: Omnidirectional | storage temperature: -40 to 85 deg C   |
| vertical patter type: Hemispheric        | transport temperature: -40 to 85 deg C |
| ground plane: Built-In                   | IP Rating: IP67                        |
| min ground plane: N/A                    |  |

**Environmental Data**

**General Data**

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| color: Black                          | length: 5.5 in                      |
| antenna feeds: Two                    | width: 5.5 in                       |
| coax length: N/A                      | radome height: 1.83 in              |
| coax type: N/A                        | total height: 1.83 in               |
| 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.**

**Description:**

The MP0930-2XHD is a low profile Multi-Polarized Surface Mount Omni Antenna designed for mobile Mining communications, and is made of impact resistant acetal Delrin. The exceptional effective hemispherical Multi-Polarized signal pattern provides unequalled wireless communication in "Real World" obstructed non-line-of-sight (NLOS) environments.





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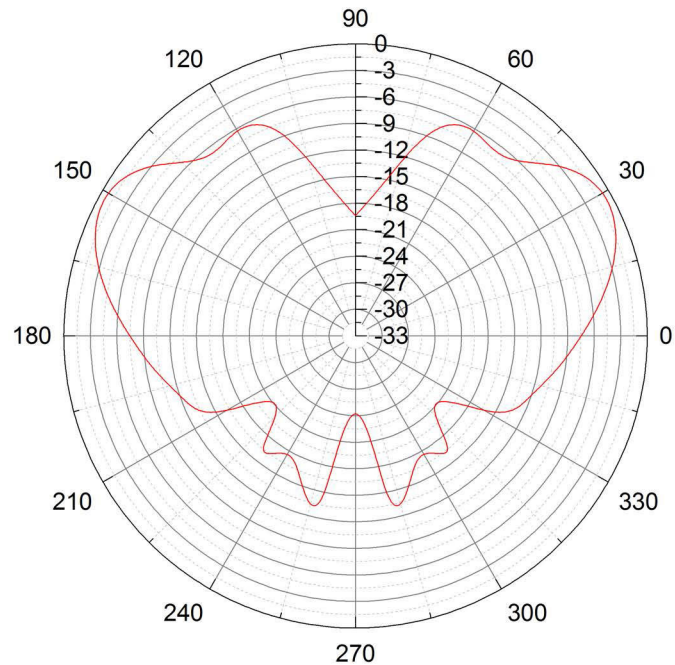
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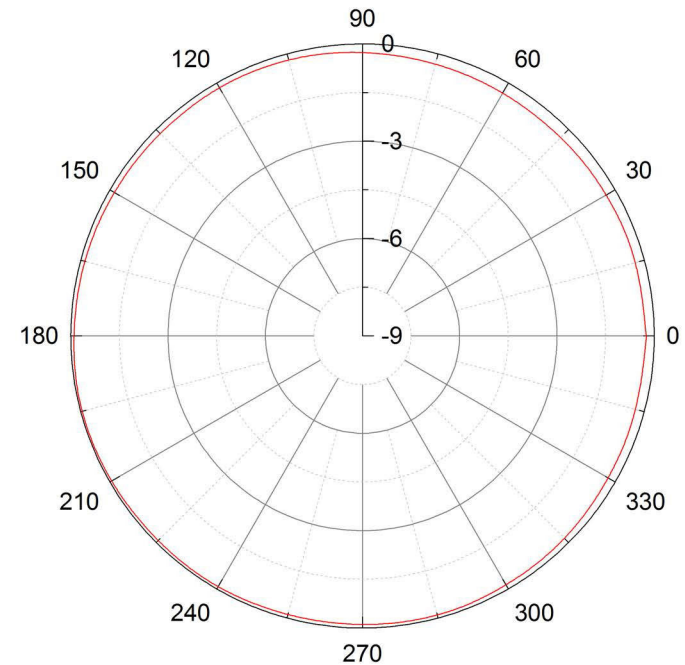
**Frequency: 2.4 - 2.5GHz**

**Peak Gain: 6dBi**

**ELEVATION**



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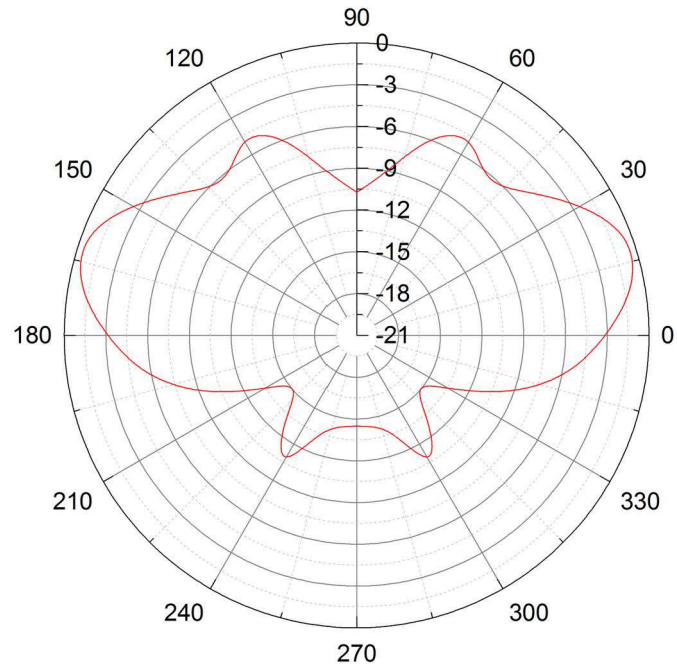
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**Frequency: 4.9 - 6GHz**

**Peak Gain: 6dBi**

**ELEVATION**



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