

DATASHEET

5 GHz Dome Antenna 2.5 dBi Omni RP-SMA with 5 Foot Pigtail A5002-O-S

The A5002-O-5 omnidirectional Dome Antenna is designed to provide maximum performance and reliability under the toughest weather conditions. The antenna features a ground plane independent Omni configuration and use a 3/4" *(19mm) feed thru for securing and includes a 5 foot pigtail with a RP-SMA connector.



Features

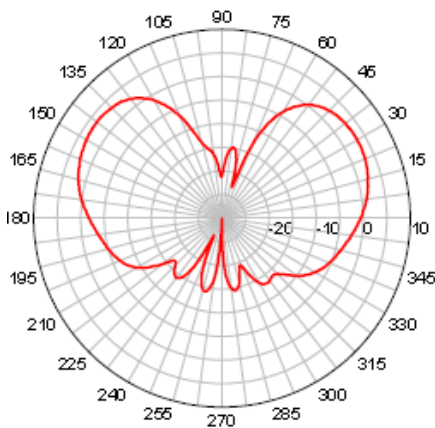
- ◆ ASA UV-stable, white radome
 - ◆ 3/4" (19mm) threaded feed thru
 - ◆ Fully sealed IPx5 design
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Specifications

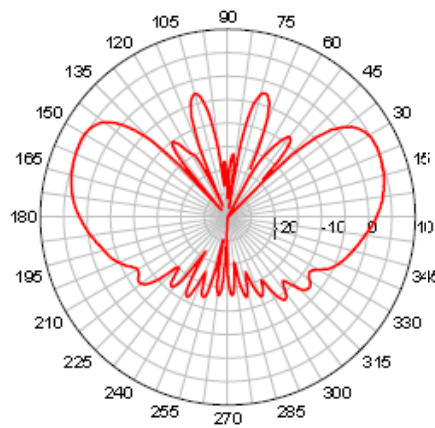
| Specification | Description |
|-----------------------|--|
| Frequency Range | 5 to 6 GHz |
| Gain | 2.5 dBi |
| Pattern | Omnidirectional |
| VWSR | 2:1 Max over range |
| Nominal Impedance | 50 Ohm |
| Max Power | 10 W |
| Connector | RP-SMA |
| Operating Temperature | -40° to 185°F (-40° to +85°C) |
| Ingress Protection | IPx5 |
| Shock and Vibration | EN 61373, IEEE 1478, MIL-810G, TIA-329.2-C |
| Mounting Stud | ¼" long threads for ½" metal (19mm) |

Radiation Patterns

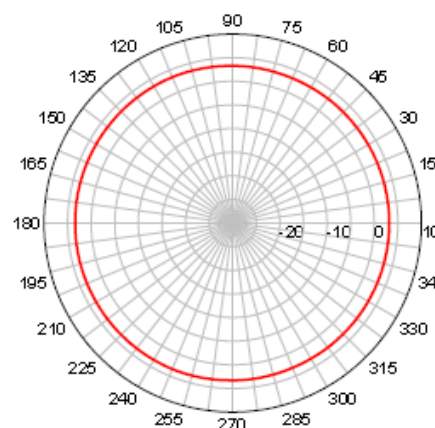
2.4 GHz Elevation



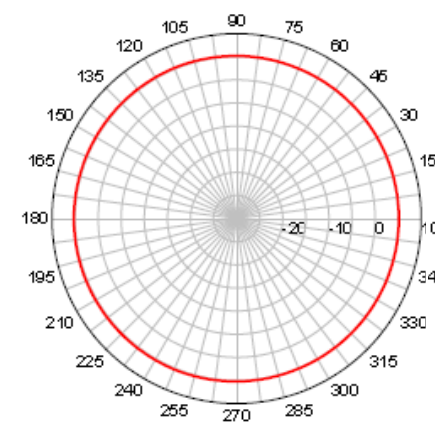
5 GHz Elevation



2.4 GHz Azimuth



5 GHz Azimuth



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5 GHz Dome Antenna

A5002-O-5

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