

# OA1-5.5V-SMA/2347

## Omni Antenna



### Key Features

Designed for Aviation Applications.

Wide Band.

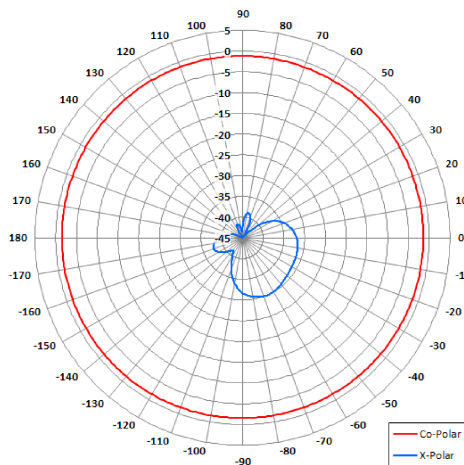
Pattern - Omni Directional.

Rugged.

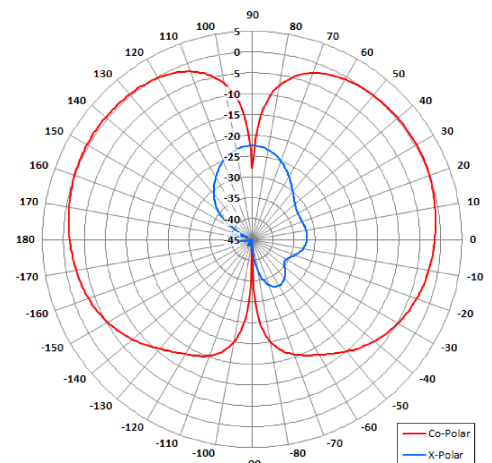
Low Profile.

Lightweight.

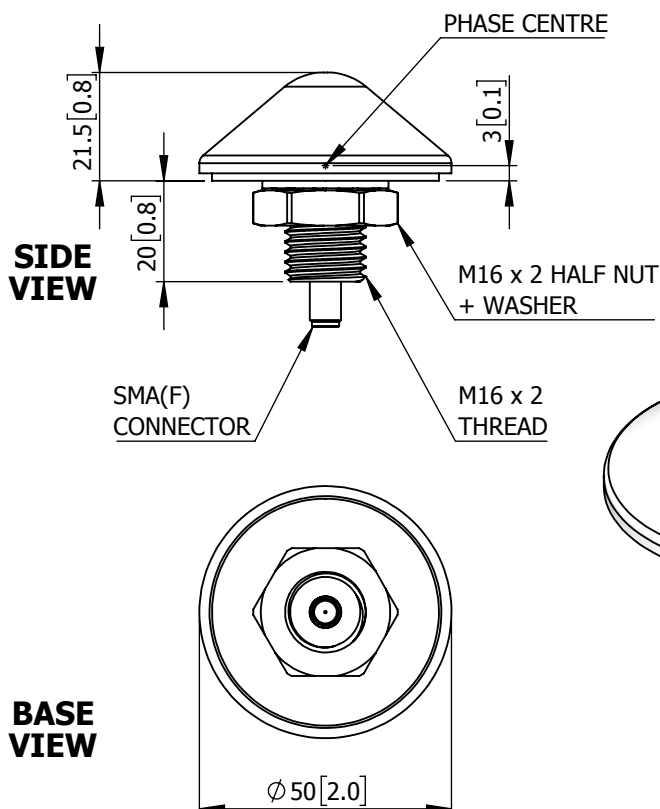
DC Short Circuited.



Azimuth Polar Plot  
(similar product)



Elevation Polar Plot  
(similar product)



### ELECTRICAL

|                  |                               |
|------------------|-------------------------------|
| Frequency:       | 5.25 - 5.875 GHz              |
| Gain:            | 0 - 2 dBi Nom.                |
| Polarisation:    | Linear (Vertical)             |
| Beamwidth:       | 360° (Az) x 82° (El) Approx.  |
| Cross Polar:     | 30 dB Typ.                    |
| VSWR:            | 2:1                           |
| Power Rating:    | 10 W                          |
| Front to Back:   | N/A                           |
| Electrical Tilt: | 38° Typical Uptilt (monopole) |
| Grounding:       | DC Short Circuit              |

### MECHANICAL

|                 |                |
|-----------------|----------------|
| Standard Finish | Gloss White    |
| Mass:           | 75 g (2.64 oz) |
| Temperature:    | -40° to +60°C  |
| Wind Loading:   | N/A            |

### MOUNTING OPTIONS

|                 |                                      |
|-----------------|--------------------------------------|
| Kits Available: | Via M16 half nut bulkhead attachment |
|-----------------|--------------------------------------|

DS: 2347-3 Issued: 110118  
Dimensions: mm [inches] M

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