



## OC24527-CS3

### Vertically Polarized Omni Antenna 2400-2500 MHz/5150-5875 MHz

The wideband OC24527-CS3 antenna offers full-band coverage for 802.11b/a/g/n and includes all hardware required to mount indoors or outdoors.

#### FEATURES AND BENEFITS

- Vertically polarized omnidirectional
- Rugged, lightweight, and water-resistant
- Compact size
- Full 802.11b/a/g/n wideband performance

#### APPLICATIONS

- Outdoor metropolitan mesh networks
- Enterprise WLAN networks
- Indoor/outdoor mast mounts
- High to medium density customer premise locations
- MIMO applications

#### ELECTRICAL SPECIFICATION

|                              |                                                 |
|------------------------------|-------------------------------------------------|
| Model Number                 | OC24527-CS3                                     |
| Cisco Model Number           | AIR-ANT2547VG-N                                 |
| Cisco Mfg Part Number        | 07-1285-01                                      |
| Operating Frequency          | 2400-2483 MHz / 5250-5850 MHz                   |
| VSWR - Max                   | 2.0:1                                           |
| Gain (dBi)                   | 2400-2483 MHz: 4.0 dBi / 5250-5850 MHz: 7.0 dBi |
| Nominal Impedance (Ohms)     | 50                                              |
| Max Power - Ambient 25°C (W) | 10                                              |
| Polarization                 | Vertical Linear                                 |
| E-Plane 3 dB Beamwidth       | 25° / 14°                                       |
| H-Plane 3dB Beamwidth        | Omnidirectional                                 |
| Power                        | 10 Watts                                        |

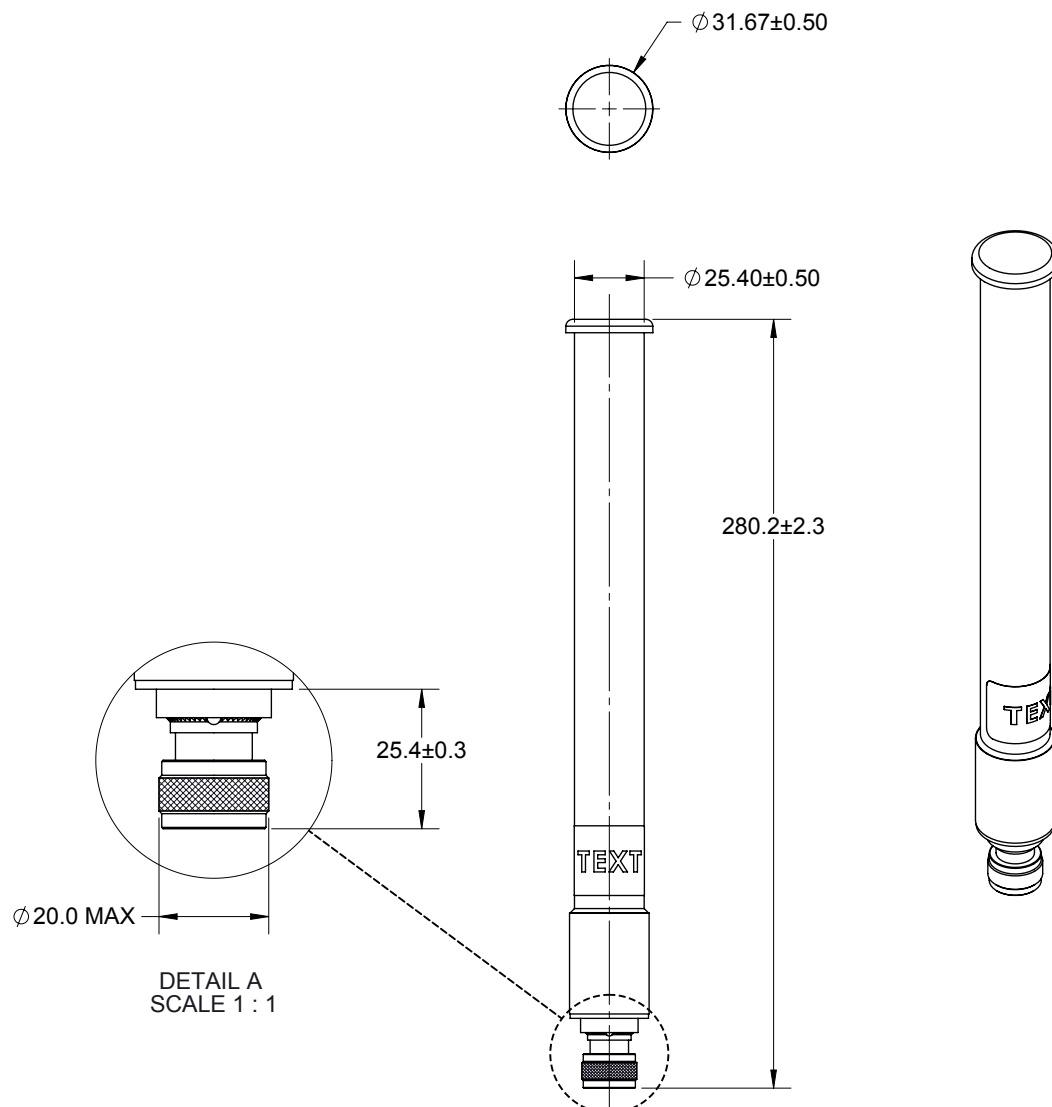
## MECHANICAL SPECIFICATION

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| Dimensions - mm (inches) | 280 x 31 (11 x 1.22)                                                  |
| Weight - kg (lbs.)       | 0.15 (0.33)                                                           |
| Radome Material          | Stable Gray UV Polycarbonate                                          |
| Connector                | Type N Male, Fixed, Tri-Metal                                         |
| Mount Style              | Connector Fixed, Fixed Coupling Nut, Upright and Inverted Orientation |
| IP Rating                | IP-66 & IP-67                                                         |

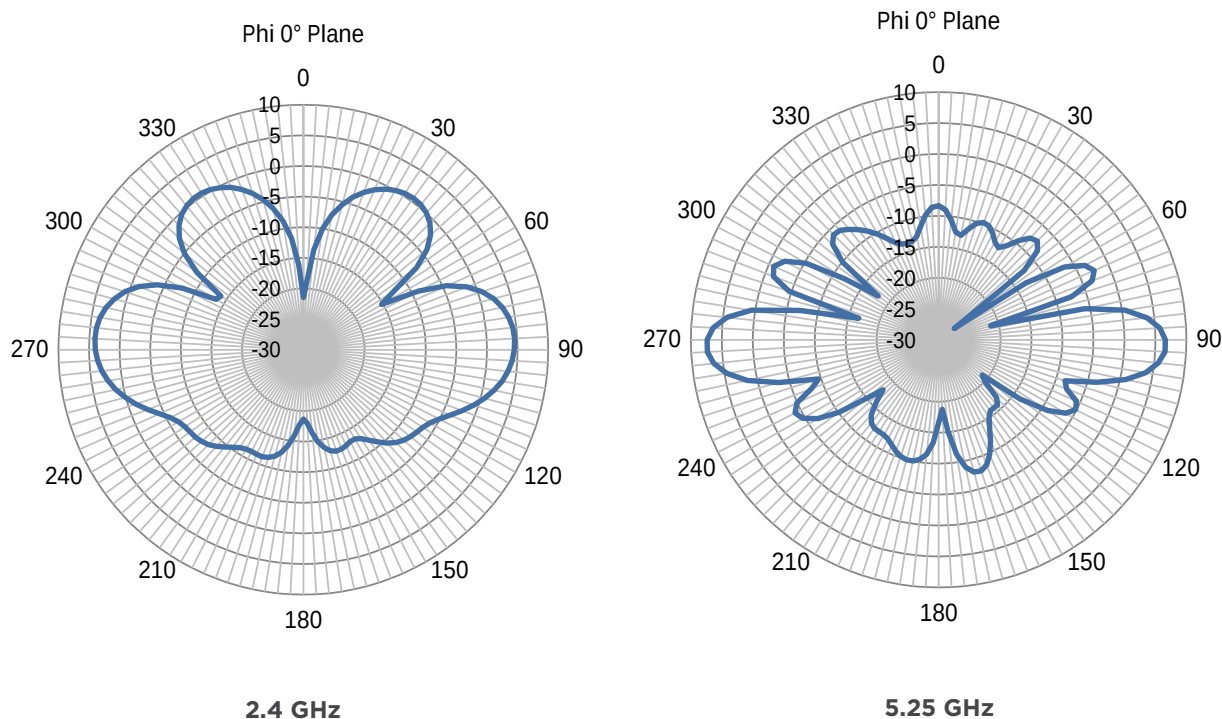
## ENVIRONMENTAL SPECIFICATIONS

|                                           |                              |
|-------------------------------------------|------------------------------|
| Operating Environment (Indoor or Outdoor) | Indoor/Outdoor               |
| Operating Temperature - °C (°F)           | -40 to +85°C (-40 to +185°F) |
| Storage Temperature - °C (°F)             | -40 to +85°C (-40 to +185°F) |
| Material Substance Compliance             | RoHS                         |

## MECHANICAL DRAWING AND MOUNTING



## RADIATION PATTERNS



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### TE TECHNICAL SUPPORT CENTER

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