

# Antenna, Omni Ultra Low Profile, 600-6000 MHz, N-Female

**SKU:** 310005

## FEATURES

- Ultra-thin
- White radome
- RoHS Compliant
- N-female connector
- Plenum Rated pig-tail cable
- High efficiency and compact design
- Covers cellular bands and WiFi from 600 through 6000 MHz



## Kit Includes



310005 Indoor Low-Profile Ceiling Antenna with Mounting Nut

## Specifications

### ELECTRICAL

|                                 |                       |         |           |            |           |
|---------------------------------|-----------------------|---------|-----------|------------|-----------|
| Frequency Band (MHz)            | 617-698               | 698-960 | 1695-2700 | 3300- 4200 | 4800-6000 |
| Polarization                    | Linear, Horizontal    |         |           |            |           |
| Typical Gain (dBi)              | 4                     | 4       | 5         | 6          | 7         |
| Horizontal Beam Width (°)       | 360, Omni-Directional |         |           |            |           |
| Typical Vertical Beam Width (°) | 70                    | 68      | 50        | 60         | 30        |
| Impedance (Ω)                   | 50                    |         |           |            |           |
| VSWR                            | ≤2.0                  |         | ≤1.5      |            |           |
| Maximum Power (W)               | 50                    |         |           |            |           |

### MECHANICAL

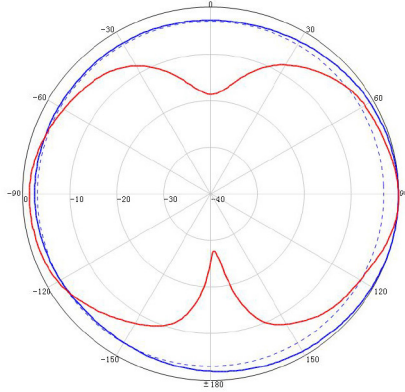
|                                 |                            |
|---------------------------------|----------------------------|
| Model                           | 310005†                    |
| Connector                       | N Female                   |
| Cable Length (in / cm)          | 12 / 30                    |
| Antenna Size Φ (in / mm)        | 9.8 / 250.8                |
| Packing Size (in / mm)          | 10.4x10.4x3.4 / 265x265x90 |
| Weight (lb / kg)                | .8 / .4                    |
| Radome Material                 | ABS                        |
| Operating Humidity (%)          | 5-95                       |
| Operating temperature (°F / °C) | -40 - 140 / -40 - 60       |

† **WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

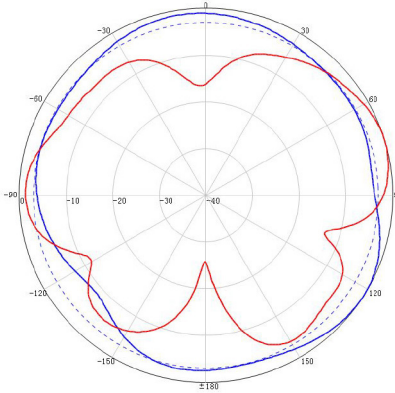
## Radiation Patterns

■ Horizontal ■ Vertical

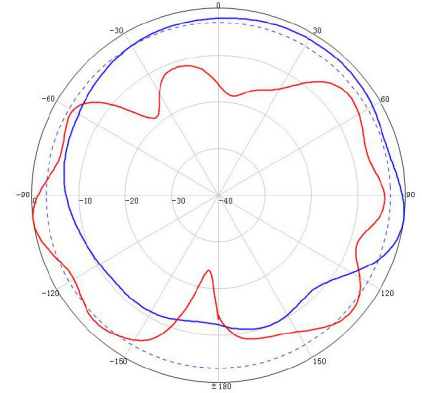
617-960 MHz



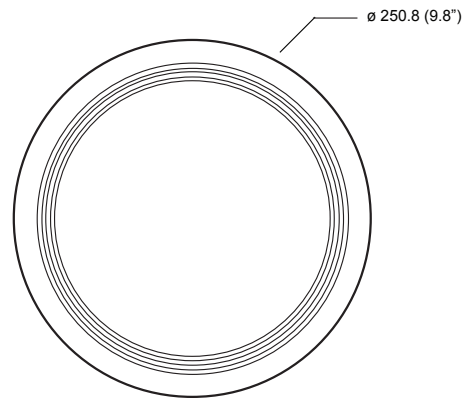
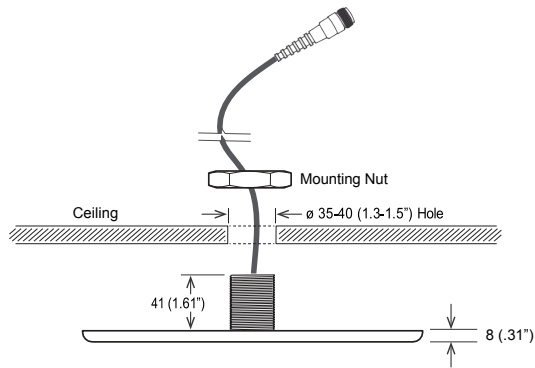
1695-2700 MHz



3300-6000 MHz

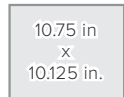


## Mechanical Drawing

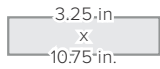


## Package Dimensions

10.75W x 10.125 L x 3.25 D



TOP/BOTTOM



SIDE



WEIGHT

## Support



**3 YEAR WARRANTY FROM PURCHASE**

**US Web:** wilsonconnectivity.com

**INTL Phone:** +44 1223 982031

**US Phone:** +1 800 871 1612

FOR PARTNER'S USE

UPC

