



**FRONT VIEW**



**MOUNT VIEW**

## 3.3-3.8GHz Dual-Polarized Directional Panel Antenna for Cisco

The 07-1161-01 directional panel antenna was designed to cover 3.3-3.8GHz frequencies for industrial wireless applications, obtaining maximum gain with an attractive, low profile package. These models provide efficient and stable performance across the band and can be mounted indoors or outdoors.

### Features

- ASA radome and PC board conform to the UL-HB flame retardant rating, allowing maximum installation flexibility.
- Attractive, low profile housing. Blends well with indoor and outdoor environments where aesthetic considerations are important.
- Dual-polarized for higher throughput MIMO applications.
- Fully adjustable mounting bracket for pipe or wall mount installations.
- Private labeled with Cisco part numbers and descriptions.



### Technical Data

|   |
|---|
| <b>Maximum Power:</b><br>20 watts   |
| <b>Polarization:</b><br>Dual Linear, H/V or +/-45° slant  |
| <b>Nominal Impedance:</b><br>50 ohms  |
| <b>VSWR:</b><br>1.5 typical, 2.0 maximum  |
| <b>Front to Back Ratio:</b><br>> 27 dB  |
| <b>Radome Material:</b><br>UL-HB rated Chi Mei PW-978B ASA<br>Thickness: 0.085" typical, 0.070" min                                 |
| <b>Termination:</b><br>2 x Type N Female<br>Panel Mount Connectors  |
| <b>Mounting Method and Material:</b><br>Fully adjustable pipe or wall mount<br>constructed of nickel-zinc trivalent<br>coated steel |

### RF/Electrical Specifications

| Frequency Range | Nominal Gain   | 3 dB Horizontal Beamwidth | 3 dB Vertical Beamwidth |
|-----------------|----------------|---------------------------|-------------------------|
| 3.3-3.8GHz      | 18.5 dBi ±1 dB | 17°                       | 17°                     |

### Mechanical Specifications

| Dimensions                                   | Antenna Weight (Mass) | Temperature Range |
|--|-----------------------|-------------------|
| 14.5" x 14.5" x 1.75"<br>(340 x 340 x 30 mm) | 3.5 lbs<br>(1.6 kg)   | -40° C to +85° C  |