



**FRONT VIEW**



**MOUNT VIEW**

## 2.3-2.7GHz Dual-Polarized Directional Panel Antenna for Cisco

The 07-1160-01 directional panel antenna was designed to cover 2.3-2.7GHz 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> 20 watts
<b>Polarization:</b> Dual Linear, H/V or +/-45° slant
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> 1.5 typical, 2.0 maximum
<b>Front to Back Ratio:</b> > 27 dB
<b>Radome Material:</b> UL-HB rated Chi Mei PW-978B ASA Thickness: 0.085" typical, 0.070" min
<b>Termination:</b> 2 x Type N Female Panel Mount Connectors
<b>Mounting Method and Material:</b> Fully adjustable pipe or wall mount constructed of nickel-zinc trivalent coated steel

### RF/Electrical Specifications

Frequency Range	Nominal Gain	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth
2.3-2.7GHz	16 dBi - 2.3-2.36GHz 17 dBi - 2.36-2.4GHz 17.5 dBi - 2.5-2.7GHz	20°	20°

### Mechanical Specifications

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