

Directional Dual-Polarized Panel Antenna



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

Maximum Power: 20 watts
Polarization: Dual Linear, H/V or +/-45° slant
Nominal Impedance: 50 ohms
VSWR: 1.5 typical, 2.0 maximum
Front to Back Ratio: > 27 dB
Radome Material: UL-HB rated Chi Mei PW-978B ASA Thickness: 0.085" typical, 0.070" min
Termination: 2 x Type N Female Panel Mount Connectors
Mounting Method and Material: 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
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" (340 x 340 x 30 mm)	3.5 lbs (1.6 kg)	-40°C to +85°C