

# Z2082 2.4 GHz Directional Panel Antenna



## Z2082 2.4 GHz Directional Panel Antenna

The Z2082 directional panel antenna is designed to cover 2.4 GHz frequencies with a VSWR of less than 1.5:1, obtaining maximum gain with an attractive, low-profile package. This antenna provides efficient and stable performance across the band and can be mounted indoors or outdoors.

### General Specifications:

Directional panel antenna

### Radome Material:

UL 94-V0 plastic

### Polarization:

Linear, vertical/horizontal

### Nominal Impedance:

50 Ohms

### Mounting Method:

Heavy duty outdoor adjustable mount with +/-9° uptilt/downtilt

### Connector:

Reverse polarity N female jack



### Features and Benefits:

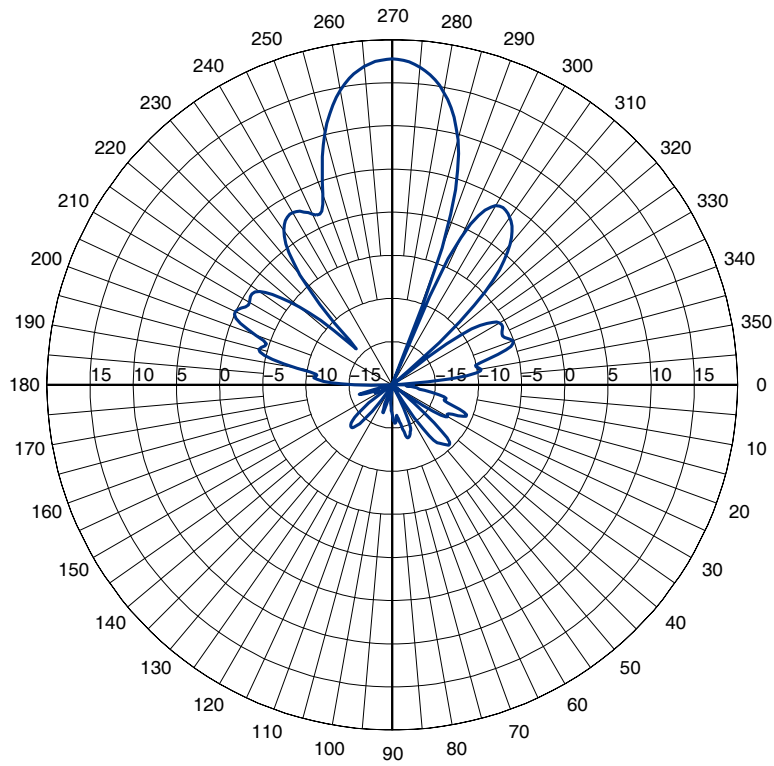
- Printed circuit board design provides the best performance-to-price ratio.
- UL94-V0 plastic and PC board. Provides UL's high flame retardant rating allowing maximum placement flexibility and meeting stringent building fire rating codes.
- Attractive, low profile housing blends well with indoor and outdoor environments where aesthetic considerations are important.
- Corner exit RG-58/U pigtail design permits the linear polarized panel to be mounted in vertical or horizontal polarity.

## Electrical Specifications

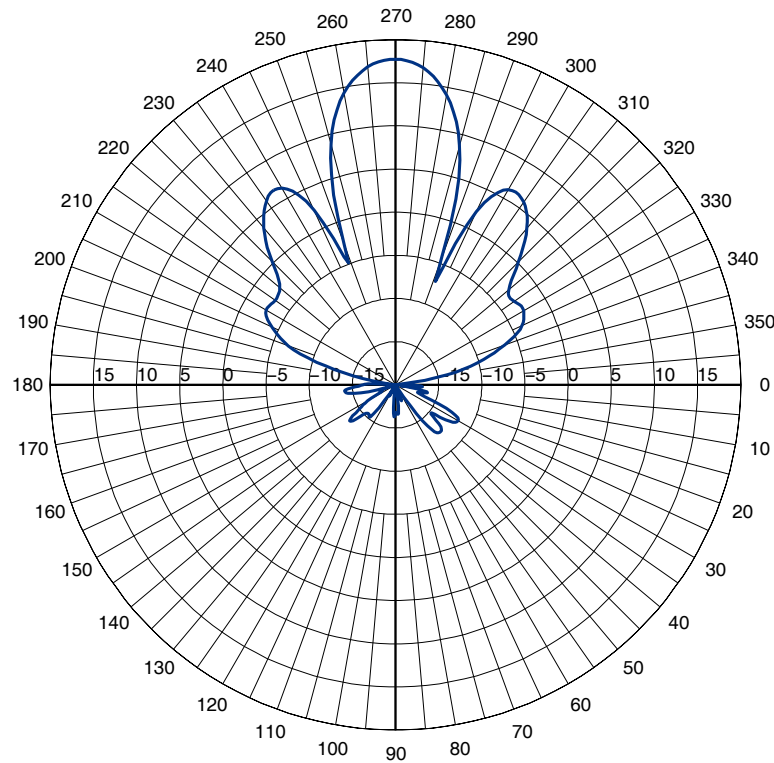
Model #	Frequency Range	Gain	Front-to-Back Ratio	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	VSWR	Maximum Power Input
Z2082	2300-2500 MHz	18.0 dBi	> 25 dB	18°	19°	< 1.5:1	20 Watts

## Mechanical Specifications

Model #	Wind Loading (Frontal) @100 mph Wind	Temperature Range	Dimensions	Weight	Cable
Z2082	85 lbs.	-40°C to +70°C	15.1" x 13.9" x 1.9" (38.4 x 35.3 x 4.8 cm)	3.9 lbs (1.8 kg)	12" (30.5 cm) RG58/U



**Z2082 Elevation Cut**



**Z2082 Azimuth Cut**