

## Directional Panels

The WISP directional panel antennas are designed to provide maximum gain at 2.4 GHz frequencies. With a VSWR of less than 1.6:1, all models provide efficient and stable performance across the band. These robust antennas are designed for outdoor applications.

### General Specifications:

Directional panel antennas

### Radome Material:

UV stable plastic

### Polarization:

Linear, Vertical/Horizontal

### Nominal Impedance:

50 Ohms

### VSWR:

<1.6:1

### Maximum Power Input:

20 Watts

### Cable:

12" RG58/U with attached female N connector

### Mounting Method:

Mast mount included

### Temperature Range:

-40°C to +70°C



### Features and Benefits:

- Patented printed circuit board design. Best performance-to-price ratio.
- Attractive, low profile UV stable housing. Blends well with indoor and outdoor environments where aesthetic considerations are important.
- Corner exit RG-58/U pigtail design. Permits the panel to be mounted in vertical or horizontal polarity.
- Adjustable mounting brackets for outdoor mounting. Provide maximum flexibility for outdoor installations.

## Electrical Specifications

Model #	Frequency Range	Gain	Front-to-Back-Ratio	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	VSWR	Maximum Power Input
WISP24009PTNF	2300 - 2500 MHz	9.0 dBi	> 15 dB	60°	60°	< 1.6:1	20 W
WISP24013PTNF	2300 - 2500 MHz	13.0 dBi	> 18 dB	35°	35°	< 1.6:1	20 W
WISP24018PTNF	2300 - 2500 MHz	18.0 dBi	> 25 dB	18°	19°	< 1.6:1	20 W

## Mechanical Specifications

Model #	Frontal wind loading @100 MPH	Dimensions	Weight	Included Mount	Cable	Suggested WISP Price
WISP24009PTNF	9.3 lbs.	5.1" x 4.7" x 1.5"	0.5 lbs.	Indoor/outdoor articulating mount	12" RG58/U	\$25.95
WISP24013PTNF	27.9 lbs.	8.8" x 8.1" x 1.6"	1.2 lbs.	Heavy duty outdoor adjustable mount	12" RG58/U	\$39.95
WISP24018PTNF	85 lbs.	15.1" x 13.9" x 1.9"	3.9 lbs.	Heavy duty outdoor adjustable mount	12" RG58/U	\$59.95