

# ANT-WSB-PNF-18 Series

Directional panel antennas: 18 dBi at 2.4 GHz



## Features and Benefits

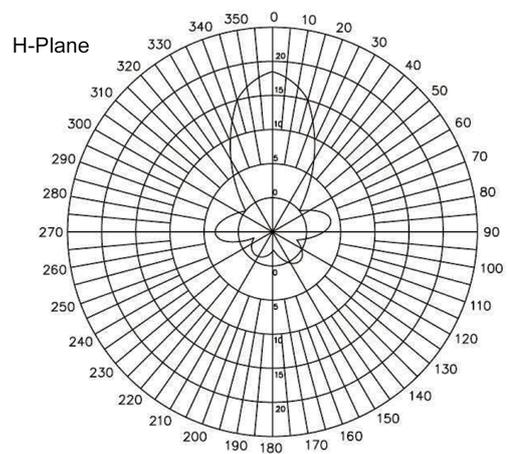
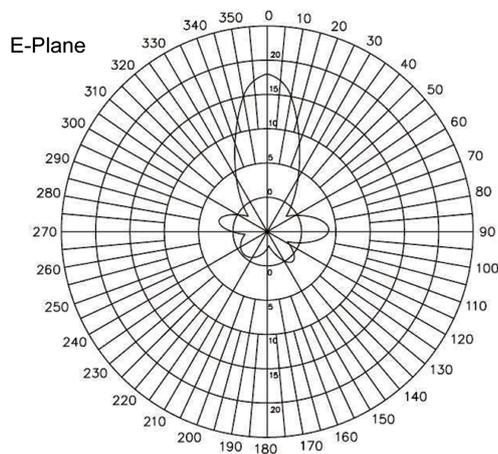
- High-gain antenna to enhance performance
- Waterproof N-type connector
- Lightweight
- Compact form factor
- Pole-mounting support
- Housing provides IP65 protection
- -40 to 80°C operating temperature range

## Introduction

The ANT-WSB-PNF-18 is a lightweight compact dual-band high-gain directional panel antenna with waterproof N-type connector. The antenna provides a gain of 18 dB at 2.4 GHz. The IP65-rated housing, pole-mounting support, and a wide operating temperature range of -40 to 80°C make it suitable for outdoor use.

## Field Patterns

Frequency: 2.4 GHz



## Specifications

### Antenna Characteristics

Frequency	2.4 to 2.5 GHz
Antenna Type	Directional, Panel
Typical Antenna Gain	18 dBi
Connector	N-type (female)
Impedance	50 ohms

Polarization	Linear
HPBW/Horizontal	30°
HPBW/Vertical	20°
V.S.W.R.	1:1.5 max.
Power Handling	15 W (max.)

#### Physical Characteristics

IP Rating	IP65
Dimensions	270 x 205 x 15 mm (10.63 x 8.07 x 0.59 in)
Weight	310 g (0.68 lb)
Radome Color	Light gray
Radome Material	PC and ABS
Installation	Pole mount

#### Environmental Limits

Operating Temperature	-40 to 80°C (-40 to 176°F)
Storage Temperature (package included)	-40 to 80°C (-40 to 176°F)
Ambient Relative Humidity	5 to 95% (30°C, non-condensing)

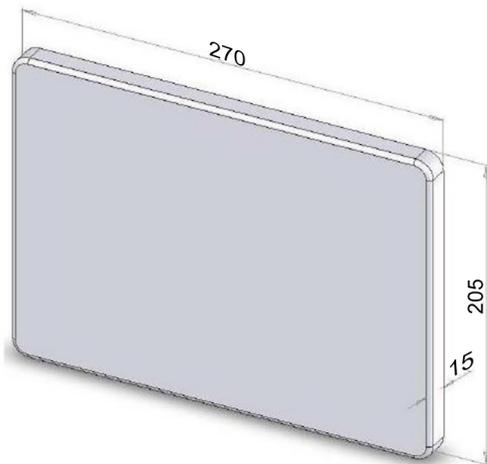
#### Warranty

Warranty Period	1 year
Details	See <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a>

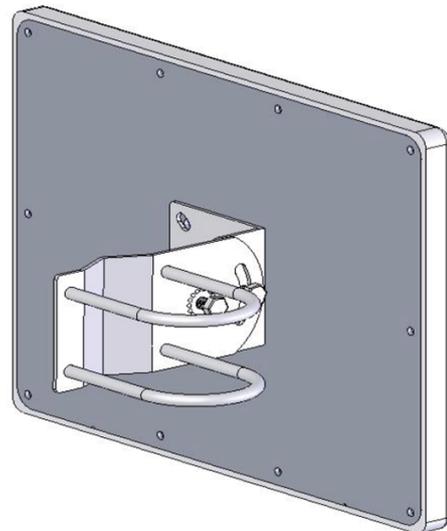
## Dimensions and Mounting

### Dimensions

Unit: mm



### Mounting



## Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector
ANT-WSB-PNF-18	2.4 to 2.5 GHz	Directional, Panel	18 dBi	N-type (female)

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