

ANT-WSB5-PNF-18 Series

Directional panel antennas: 18 dBi at 5 GHz



Features and Benefits

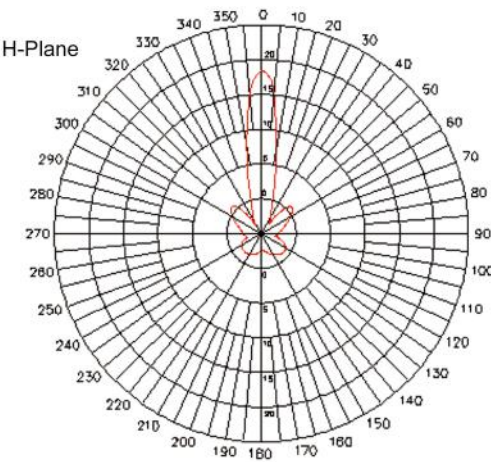
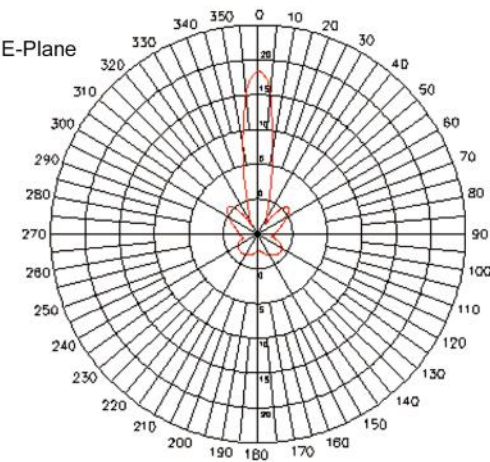
- High gain antenna
- N-type (female) connector supported

Introduction

The ANT-WSB5-PNF-18 is an omni-directional lightweight compact high-gain antenna that comes with an N-type (female) connector. The antenna provides a gain of 18 dBi at 5 GHz. A wide operating temperature range of -40 to 80°C, IP65-rated housing, and pole-mounting support make it suitable for outdoor use.

Field Patterns

Frequency: 5 GHz



Specifications

Antenna Characteristics

Frequency	5.1 to 5.9 GHz
Antenna Type	Directional, Panel
Typical Antenna Gain	18 dBi
Connector	N-type (female)
Impedance	50 ohms

Polarization	Linear
HPBW/Horizontal	10°
HPBW/Vertical	10°
V.S.W.R.	1:1.5 max.
Power Handling	10 W (max.)

Physical Characteristics

IP Rating	IP65
Dimensions	270 x 205 x 15 mm (10.62 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)

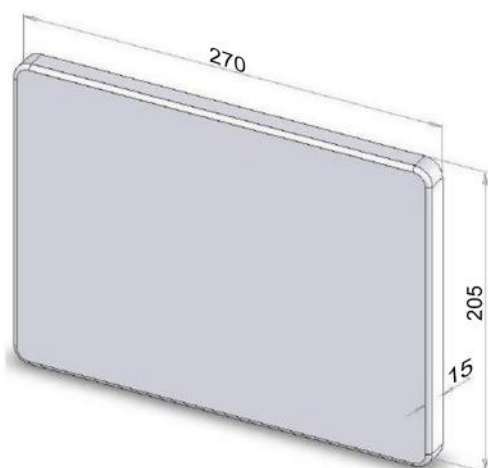
Warranty

Warranty Period	1 year
Details	See www.moxa.com/warranty

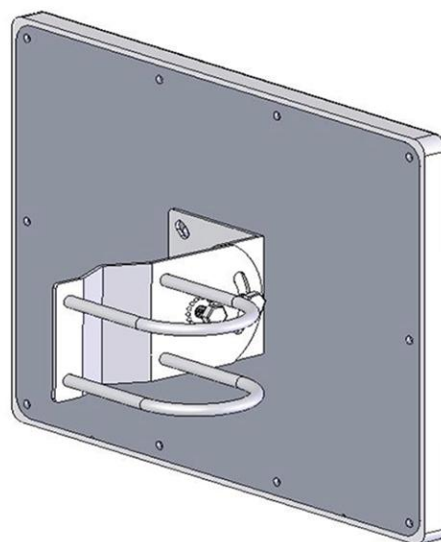
Dimensions and Mounting

Dimensions

Unit: mm



Mounting



Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector
ANT-WSB5-PNF-18	5.1 to 5.9 GHz	Directional, Panel	18 dBi	N-type (female)

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