

ANT-WSB5-ANF-12 Series

Omni-directional antennas: 12 dBi at 5 GHz



Features and Benefits

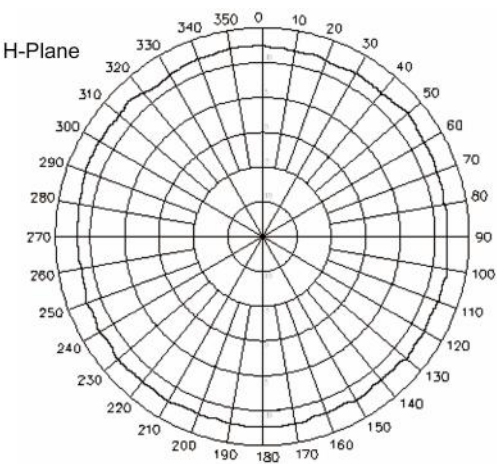
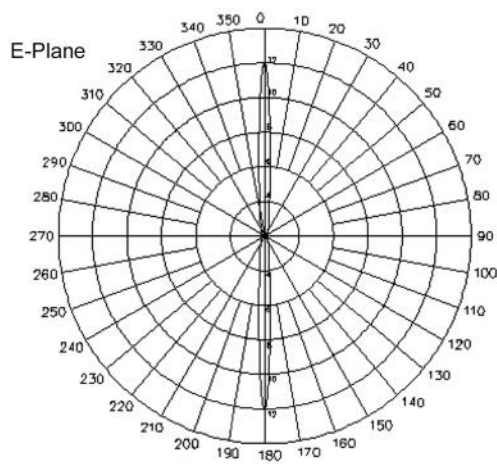
- High gain antenna
- Small size for easy installation
- Lightweight for portable deployment
- Pole mount
- N-type (female) connector supported

Introduction

The ANT-WSB5-ANF-12 is an omni-directional lightweight compact high-gain antenna that comes with an N-type (female) connector. The antenna provides a gain of 12 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	Omni-directional
Typical Antenna Gain	12 dBi
Connector	N-type (female)
Impedance	50 ohms

Polarization	Linear
HPBW/Horizontal	360°
HPBW/Vertical	6°
V.S.W.R.	1:1.3 max.
Power Handling	10 W (max.)

Physical Characteristics

Weight	430 g (0.95 lb)
Length (including base)	420 mm (16.53 in)
IP Rating	IP65
Radome Color	White
Radome Material	Fiberglass
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)

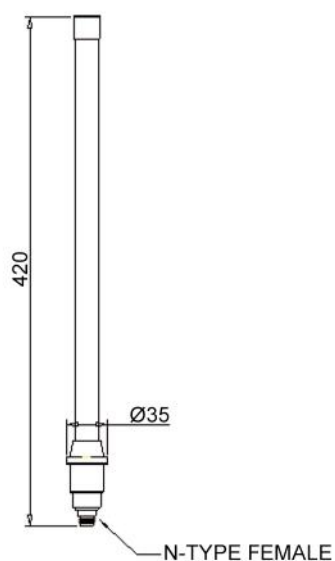
Warranty

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

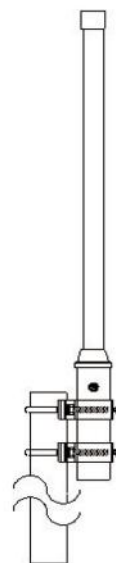
Dimensions and Mounting

Dimensions

Unit: mm



Mounting



Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector
ANT-WSB5-ANF-12	5.1 to 5.9 GHz	Omni-directional	12 dBi	N-type (female)

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