

# ANT-WSB-ANF-09 Series

Omni-directional antennas: 9 dBi at 2.4 GHz



### Features and Benefits

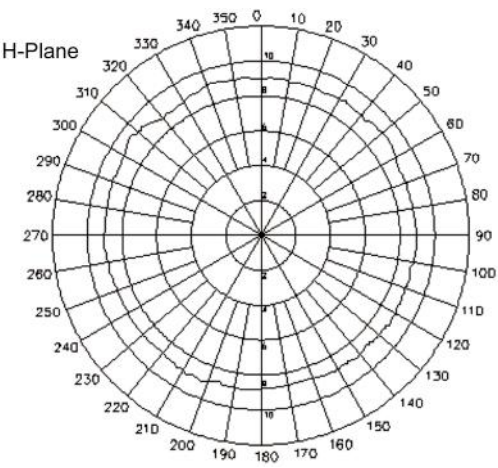
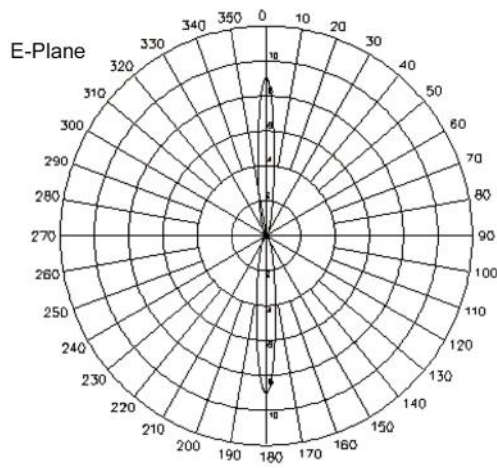
- High-gain antenna to enhance performance
- Waterproof N-type connector
- Lightweight
- Compact form factor
- Pole-mounting support
- Housing provides IP65 protection
- -40 to 80°C operating temperature range

### Introduction

The ANT-WSB-ANF-09 is an omni-directional lightweight compact dual-band high-gain indoor antenna with a SMA (male) connector and magnetic mount. The antenna provides a gain of 9 dBi and is designed to operate in temperatures from -40 to 80°C.

### Field Patterns

Frequency: 2.4 GHz



### Specifications

#### Antenna Characteristics

Frequency	2.4 to 2.5 GHz
Antenna Type	Omni-directional
Typical Antenna Gain	9 dBi
Connector	N-type (female)
Impedance	50 ohms

Polarization	Linear
HPBW/Horizontal	360°
HPBW/Vertical	10°
V.S.W.R.	1:1.3 max.
Power Handling	15 W (max.)

#### Physical Characteristics

Weight	430 g (0.95 lb)
Length	420 mm (16.55 in)
Diameter	35 mm (1.38 in)
IP Rating	IP65
Radome Color	White
Radome Material	Glass fiber
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)

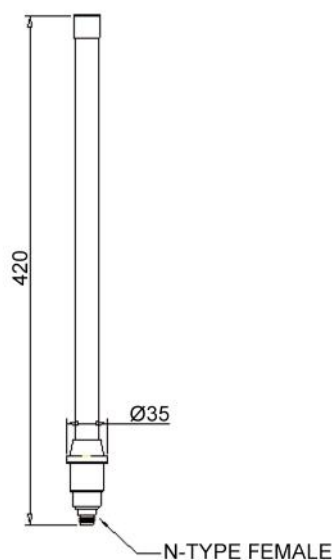
#### Warranty

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-ANF-09	2.4 to 2.5 GHz	Omni-directional	9 dBi	N-type (female)

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