

# ANT-WDB-ONM-0707 Series

07 dBi at 2.4 GHz and 07 dBi at 5 GHz, N-type (male), dual-band omnidirectional antenna



## Features and Benefits

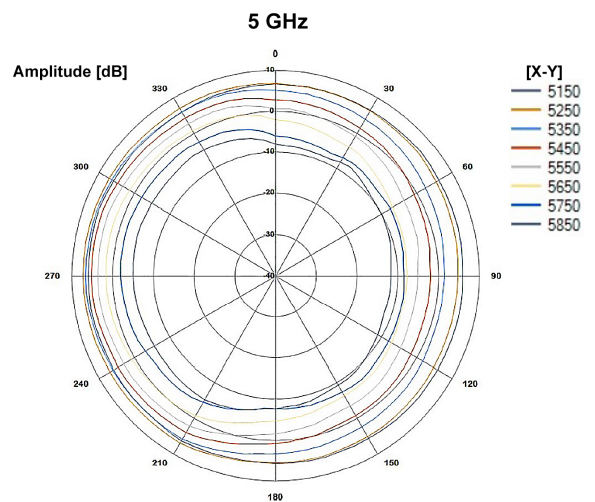
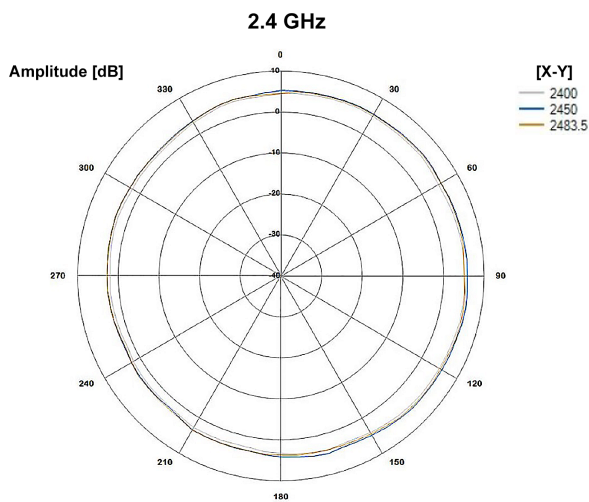
- High-gain antenna to enhance performance
- Waterproof N-type connector
- Lightweight
- Housing provides IP65 protection
- -40 to 85°C operating temperature range

## Introduction

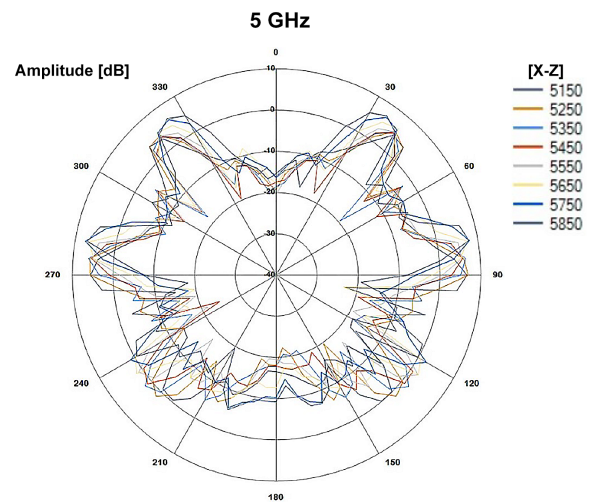
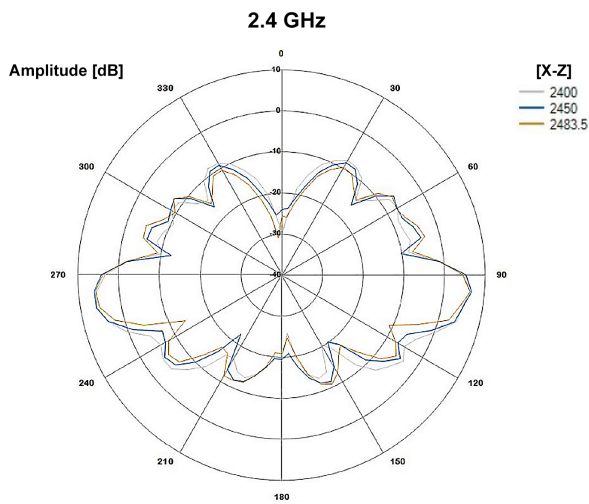
The ANT-WDB-ONM-0707 is an omnidirectional dual-band high-gain antenna with a waterproof N-type male connector. The IP65-rated housing and wide operating temperature range of -40 to 85°C make it suitable for outdoor use.

## Field Patterns

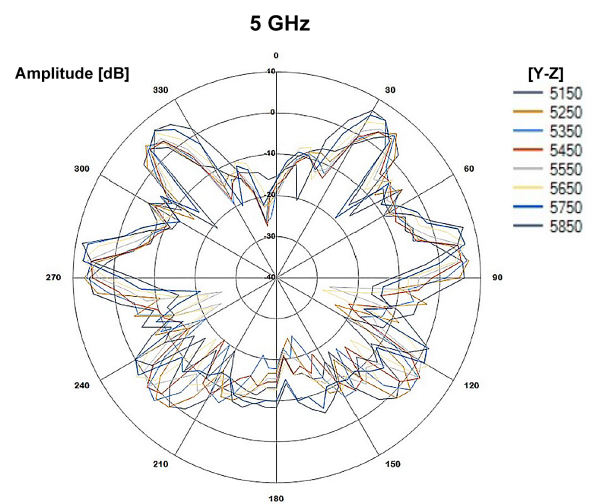
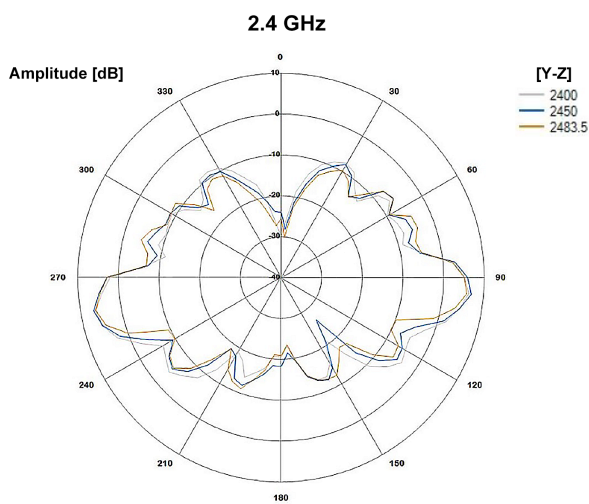
### X-Y Plane



## X-Z Plane



## Y-Z Plane



## Specifications

### Antenna Characteristics

Frequency	2.4 to 2.4835 GHz or 5.15 to 5.85 GHz
Antenna Type	Omni-directional
Typical Antenna Gain	7/7 dBi
Impedance	50 ohms
HPBW/Horizontal	360°
V.S.W.R.	1:2.5 max.
Power Handling	10 W (max.)
Polarization	Vertical
Connector	N-type (male)

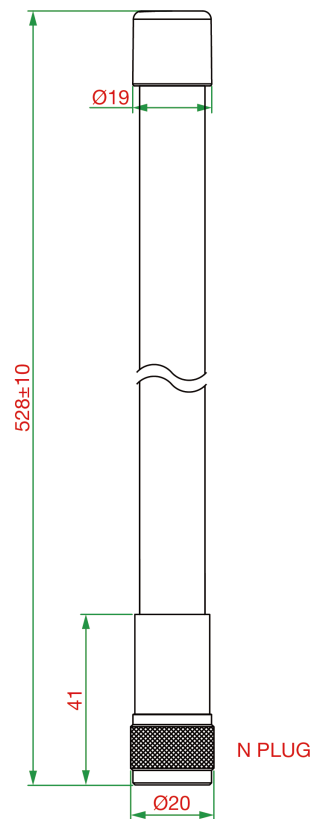
### Physical Characteristics

IP Rating	IP65
Dimensions	Diameter: 20 mm (0.79 in) Length: 528 mm (20.79 in)

Weight	152 g (0.34 lb)
Radome Color	White
Radome Material	Fiberglass
Installation	Straight mount
<b>Environmental Limits</b>	
Operating Temperature	-40 to 85°C (-40 to 185°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
<b>Warranty</b>	
Warranty Period	1 year
Details	See <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a>

## Dimensions

Unit: mm



## Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector Type
ANT-WDB-ONM-0707	2.4 to 2.4835 GHz, 5.15 to 5.85 GHz	Omnidirectional	7 dBi at 2.4 GHz, 7 dBi at 5 GHz	N-type (male)

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