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

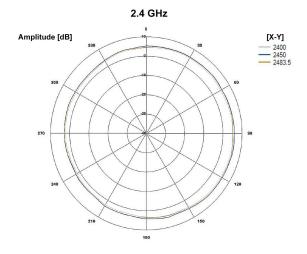
- High-gain antenna to enhance performance
- Waterproof N-type connector
- Lightweight
- Housing provides IP65 protection
- -40 to 85°C operating temperature range

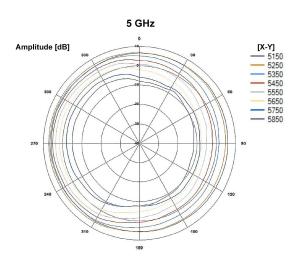
Introduction

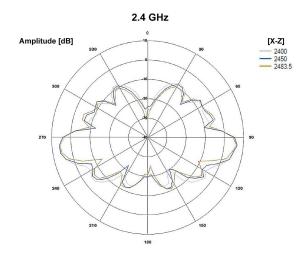
The ANT-WDB-ONM-0707 is an omnidirectional dual-band high-gain antenna with a waterproof N-type male connector. The IP65-rated housing and wide operating temperature range of -40 to 85°C make it suitable for outdoor use.

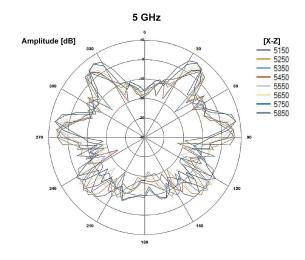
Field Patterns

X-Y Plane

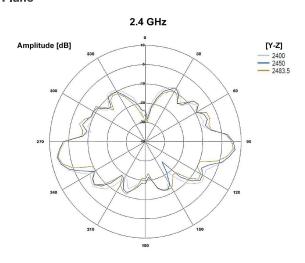


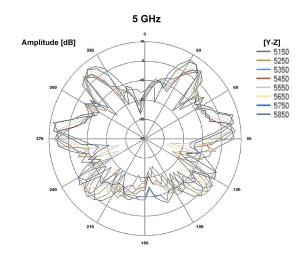






Y-Z Plane





Specifications

Antenna Characteristics

| Antenna Unaracteristics | | | | |
|-------------------------------|---------------------------------------|--|--|--|
| 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) | | | |
| Discosio al Obrama stanistica | | | | |

Physical Characteristics

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

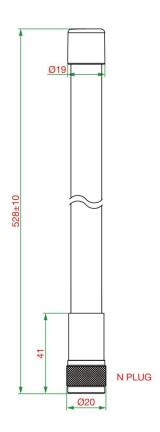
| Weight | 152 g (0.34 lb) | | |
|--|----------------------------|--|--|
| Radome Color | White | | |
| Radome Material | Fiberglass | | |
| Installation | Straight mount | | |
| Environmental Limits | | | |
| Operating Temperature | -40 to 85°C (-40 to 185°F) | | |
| Storage Temperature (package included) | -40 to 85°C (-40 to 185°F) | | |
| Warranty | | | |
| Warranty Period | 1 year | | |

See www.moxa.com/warranty

Dimensions

Unit: mm

Details



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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