

# Tri-band Wi-Fi Sealed Omnidirectional Antenna

Wi-Fi/Bluetooth/BLE Antenna – Base Station

MHOTB Antennas PRELIMINARY



## Description

High-performance, tri-band base station antenna designed for broadband access.


## Technologies

- Wi-Fi
- Bluetooth/BLE

## Features

- Tri-band coverage
- Innovative design for harsh environments
- Rugged, UV-resistant fiberglass housing
- Easy to install





MHOTB Series



BAM1009 mount

## Tri-band Wi-Fi Sealed Omnidirectional Antenna

### Wi-Fi/Bluetooth/BLE Antenna – Base Station

The MHOTB high-performance omnidirectional antenna series is designed to cover frequencies from 2.4-2.5 GHz and 4.94-7.125 GHz for broadband access applications. With its integral N Female and N Male connector options at the base, this antenna can be directly mounted on the radio equipment.

#### Features

- Slender, rugged housing (1.25" OD)
- Innovative sealed version for harsh environments
- White UV-resistant radome; protects the antenna elements from environmental factors

#### Certifications



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### Standard Configuration

Model	Connector	Mount
MHOTBNF	N Female bulkhead	BAM-1009 base station aluminum mount kit for masts up to 2.4 inches in diameter sold separately. (For N male antennas, purchase mating N female bulkhead cable assembly separately)
MHOTBNM	N Male	

### Electrical Specifications - RF Antenna

Frequency Range (GHz)	Peak Gain (dBi)	VSWR	Azimuth Half Power Beamwidth	Average Power (watts)	Nominal Impedance (ohms)	Polarization
2.4 - 2.5 GHz 4.94 - 7.125 GHz	5 dBi / 7 dBi	< 2.0 / < 2.5	360°	25	50	Vertical, linear

### Mechanical and Environmental Specifications

Specification	MHOTBNF	MHOTBNM
Dimensions	1.25 OD x 10.52 H in (3.18 x 26.72 cm)	1.25 OD x 10.29 H in (3.18 x 26.14 cm)
Weight	0.45 lbs (.20 kg)	0.35 lbs (.16 kg)
Housing material	White UV-stable ASA	
Rated wind	125 mph (201.168 kph)	
Temperature range	-40°F to +185°F (-40°C to +85°C)	
Ingress protection	IP67	



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