

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.

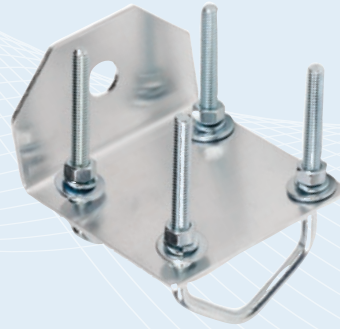
Technologies

- 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

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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



RoHS
COMPLIANT

SPECIFICATIONS

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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	

CONTACT US

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this product contact your
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> www.stepglobal.com**

**Engineered Solutions for Real Time
Management of Mobile Assets**

Step Global has been providing innovative GPS & RFID solutions for our customers for over 20 years. We supply a broad range of technology products from globally recognised manufacturers. We provide Antennas, Asset Tracking, Precision Timing, GNSS Signal Distribution and Simulation and more, to satisfy all your assets tracking and monitoring needs.



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