

## Compact, Ground Plane Independent Dual-Band Wi-Fi Omnidirectional Antenna

The BMHODB2458IP omnidirectional antenna is a high performance low-profile fixed mount antenna in a rugged housing. The antenna is designed to cover frequencies for Wi-Fi and industrial wireless data applications. With its integral N Male connector at the base, this antenna can be directly mounted on the radio equipment or other enclosures with the mating bulkhead connector.

### Features

- Slender, rugged housing
- IP67 rated design when installed
- Black UV-resistant radome to protect the antenna
- Type N Male connector



BMHODB2458IP

### STANDARD CONFIGURATION

Model	Connector	Color	Mount
BMHODB2458IP	N Male	Black	Direct mount
MHODB2458IP	N Male	White	Direct mount

### ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
2.4-2.5 GHz / 4.9-5.9 GHz	2 dBi (nominal) / 2 dBi (nominal)	< 2.0 / < 2.0	360° / 360°	60° / 60°

### ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Average Power	Nominal Impedance	Polarization
25 watts	50 ohms	Vertical, linear

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Ingress Protection	Temperature Range
0.96 OD x 3.05 H in (2.45 x 7.75 cm)	3 oz (85 g)	UV-stable ASA	IP67	-40°C to +85°C