

VenU® 4G LTE/Cellular & Wi-Fi Omnidirectional Antenna



The VenU BMHO69027002 is a high performance omnidirectional antenna designed for outdoor base station applications. It supports high capacity data throughput for 4G LTE Cellular, 3G and Wi-Fi wireless networks in a compact housing. The antenna can be direct mounted via a built-in N Female bulkhead termination that allows direct mounting to the radio equipment.

Features

- Rugged, UV-resistant, low-profile housing for outdoor applications
- Innovative vented design with aerated cap and base drain system
- N Female bulkhead for direct radio mount access



BMHO69027002NF



BAM1009 mount

STANDARD CONFIGURATION

Model	Connector	Mount
BMHO69027002NF	N Female bulkhead	BAM-1009 base station aluminum mount kit for masts up to 2.4 inches in diameter (sold separately)

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
690-960 MHz / 1700-2700 MHz	2 dBi / 2 dBi	< 2.5	360° / 360°	45° / 35°

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

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

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material
9 H x .94 OD in (22.86 x 2.38 cm)	0.30 lbs (0.14 kg)	Black UV-Stable ASA

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS, continued

Rated Wind	Temperature Range	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind
125 mph	-40°C to +85°C	3.1 lbs	1.1 ft-lbs

RoHS Compliance: 2002/95/EC and 2003/11/EC