

ANTENNA



EXTERNAL MIMO ANTENNA ANT-ABGN-23

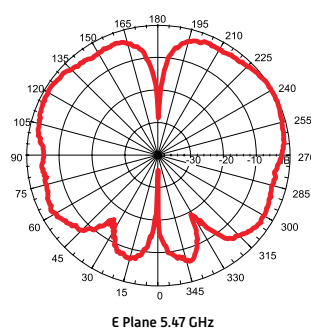
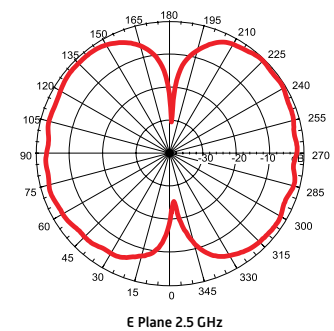
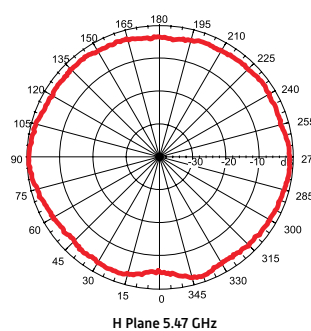
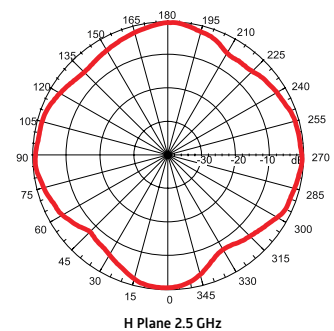
Wall/Ceiling Grid Mounted, Low Profile,
and Omni-directional



PRODUCT OVERVIEW

The ANT-ABGN-23 is a dual-band, three-element omni-directional antenna for use in 802.11n MIMO applications. Housed in a compact, low-profile PVC/acrylic radome, the antenna can be mounted to a variety of drop ceiling grids using the integrated spring clips. It can also be mounted to a flush surface via the four mounting holes. Each of the three MIMO antenna elements is connected to the Meru AP300 Access Point via a low-loss, plenum-rated, coax pigtail.

The radiation patterns are uniform and symmetrical, providing high levels of signal density into defined coverage zones. This antenna will greatly enhance the performance of 802.11n systems. The dual-band frequency coverage means that a single type of antenna can be deployed with any MIMO radio in the 2.4–2.5 GHz or 4.9–5.9 GHz bands.



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SPECIFICATIONS

Frequency Range

2.4–2.5 GHz and 4.9–5.9 GHz

Gain

3.0 dBi for 2.4–2.5 GHz

4.0 dBi for 4.9–5.9 GHz

Maximum VSWR

2.0:1

3dB Beamwidth Elevation

60°

3dB Beamwidth Azimuth

Omni-directional

Polarization

Linear, vertical

Maximum Input Power

2 watts

Mechanical Size

12 1/8" x 7/8" x 3 11/16"

[30.8 cm x 2.2 cm x 9.4 cm]

Weight

0.86 lb (0.39 kg)

Antenna Connection

Reverse SMA (3x)

Radome

PVC/Acrylic

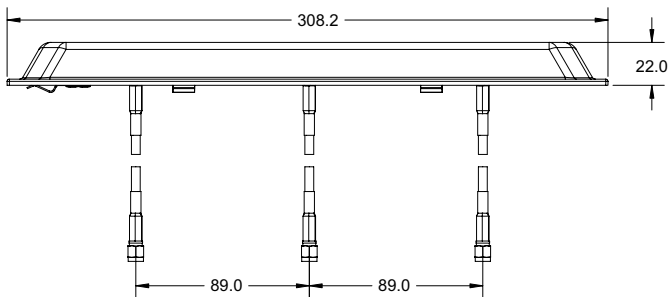
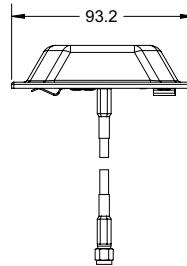
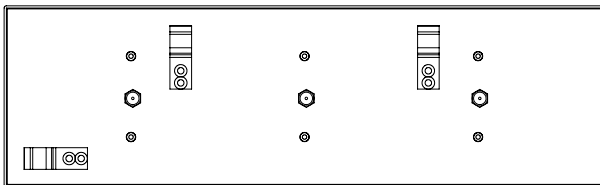
Mount Style

Ceiling grid/suspended tile

Cable Length

5 ft

Meru delivers an all-wireless network that fully supports the enterprise, delivering a consistent, interactive experience for all users. No matter what applications they are running. No matter how many other users are on the network.



For more information about Meru antennas, visit | www.merunetworks.com | Or email your questions to: info@merunetworks.com

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