

ANTENNA

EXTERNAL MIMO OMNI-DIRECTIONAL ANTENNA ANT-06ABGN-0606-0

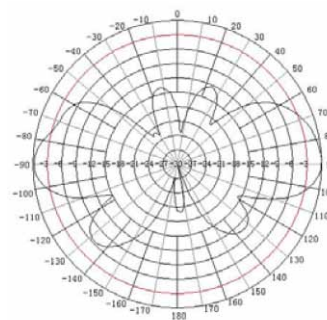
Flexible wall/beam/mast mount installation,
ruggedized, and omni-directional



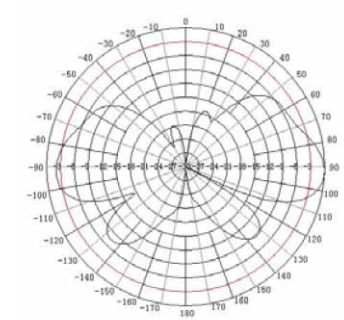
PRODUCT OVERVIEW

The ANT-06ABGN-0606-0 is an outdoor dual-band, six-element omni-directional antenna for use in 802.11n MIMO applications. Housed in a ruggedized fiberglass enclosure, the antenna can be mounted to a wall, beam, or mast. Each of the six MIMO antenna elements is connected to the Meru AP300 or OAP433 Access Point via a low-loss, plenum-rated, coax pigtail.

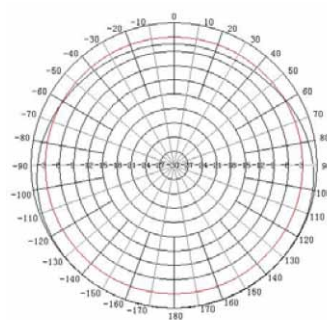
The radiation patterns are uniform and symmetrical, providing high levels of signal density into wide spaces such as warehouses or manufacturing facilities. This antenna will greatly enhance the performance of 802.11n systems. The dual-band frequency coverage means that a single type of antenna can be deployed with any MIMO radio in the 2.4–2.5 GHz or 5.150–5.850 GHz bands.



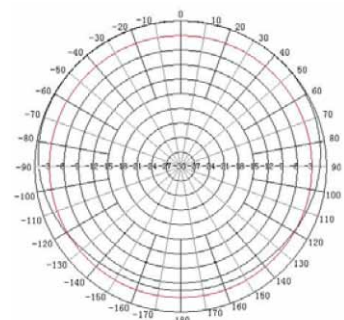
E Plane 5 GHz



E Plane 2.4 GHz



H Plane 5 GHz



H Plane 2.4 GHz

ANTENNA

SPECIFICATIONS

Frequency Range

2.4–2.5 GHz and 5.150–5.850 GHz

Gain

6 dBi for 2.4–2.5 GHz
6 dBi for 5.150–5.850 GHz

Maximum VSWR

1.5:1 for 2.4 GHz; 2.0:1 for 5 GHz

Beamwidth Elevation

40° @ 2.4 GHz, 40° @ 5 GHz

Beamwidth Azimuth

360° @ 2.4 GHz, 360° @ 5 GHz

Polarization

Vertical

Number of Leads

6

Maximum Input Power

20 watts

Mechanical Size

6" x 7 1/64" (152.4 mm x 180.4 mm)

Weight

3.74 lb (1.70 kg)

Antenna Connection

RPSMA

Radome

Fiberglass

Mount Style

Attaches to wall/beam/mast
with included hardware

Cable Length

3 ft

CERTIFICATIONS

Certified in U.S. and Canada. For other regions, contact your local Meru representative.

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.



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