

Bluefin 2G -reference antenna specification					
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Antenna specification

Bluefin 2G

WLAN module

Datasheet provided on the following page.

SF-245WR



2.4GHz Mesh A/P Omni Antenna

Specifications:

- 2400-2500MHz
- Gain: 7.4dBi
- Length: 17.5 inches
- Weight: 7.5 oz
- -3dB Beam-width: 20 degrees
- Cross Polar Rejection: 15dB +
- Max Power: 50 watts
- Max wind survival: 150MPH +
- Wind Load: 7.1 sq in
- Connector: Integral N-male
- Radome: White UV stabilized fiberglass
- RoHS Compliant
- Mast mounting hardware optional

Vertical radiation pattern

Elevation pattern at:

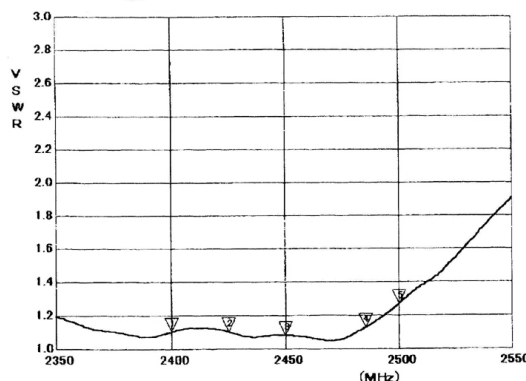
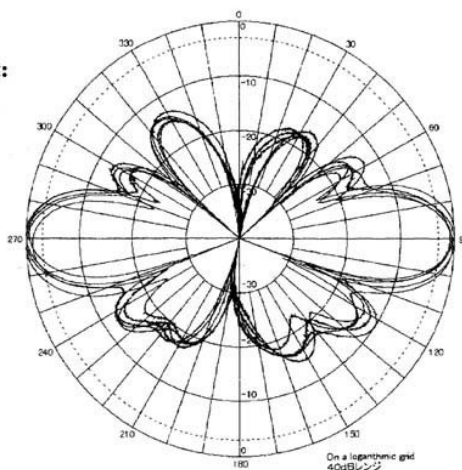
2400MHz

2425MHz

2450MHz

2475MHz

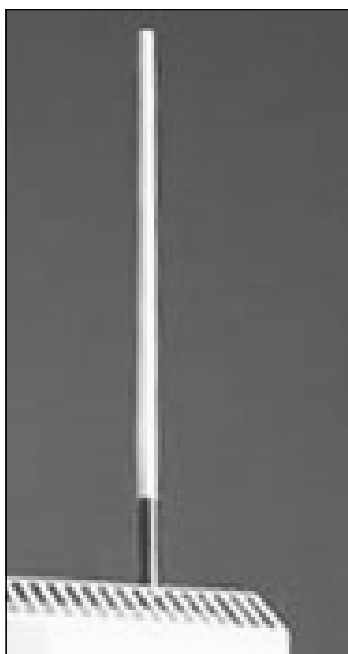
2500MHz



Marker List	
1: 2400MHz	1.105
2: 2425MHz	1.104
3: 2450MHz	1.082
4: 2475MHz	1.130
5: 2500MHz	1.271

VSWR:

1.13:1 or less



NCG Company

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FEATURES:

- 802.11b and 802.11g compatible
- Designed for use as an A/P antenna in a Mesh Network System
- Male N-connector for easy installation
- Compact gain antenna for point-to-multipoint applications
- Heavy duty fiberglass for durability
- Wrenching flats in the base section
- Weather proof for indoor or outdoor installation

MOUNTING OPTION:

- **MB-100:** 1"-2.5" mast mount

Manufactured by: COMET Company Ltd.

