

DATASHEET

2.4 / 5 GHz Directional Panel Antenna 7 dBi N Plug with Mounting Hardware A2507NP-DP

The A2507NP-DP dual-band panel antenna is perfect for indoor and outdoor wireless applications. The antenna is mounted in a vertical configuration and consists of a high performance design enclosed in a UV stabilized ABS plastic radome. It includes a 36" integral pigtail with an N Plug connector.



Features

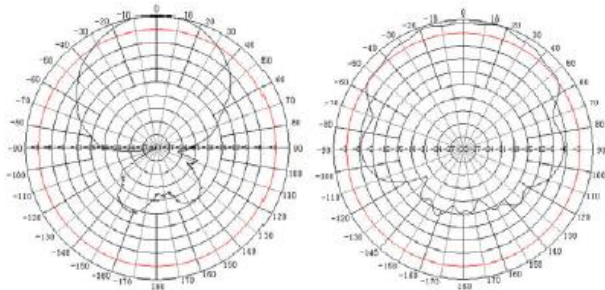
- ◆ ABS, UV Resistant
 - ◆ N Plug connector
 - ◆ 2.5 / 5 GHz support
 - ◆ IP54 for Indoor/Outdoor applications
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Specifications

Specification	Description
Frequency Range	2.4 to 2.5 GHz, 5.15 to 5.85 GHz
Gain	7 dBi
Pattern	Omnidirectional
VWSR	≤ 2.0
Polarizations	Vertical
HPBW / Horizontal	55°, 65°
HPBW / Vertical	120°
Front-to-Back Ratio	≥ 20 dB
Nominal Impedance	50 Ohm
Max Power	50 W
Connector	N Plug
Operating Temperature	-22° to 158° F (-30° to 70° C)
Weight	0.9 lb (408 g)
Dimensions	7.3 x 6.1 x 2.0 in (18.52 x 15.49 x 5.08 cm)
Ingress Rating	IP54
Mounting Style	Mast / Wall

Radiation Patterns

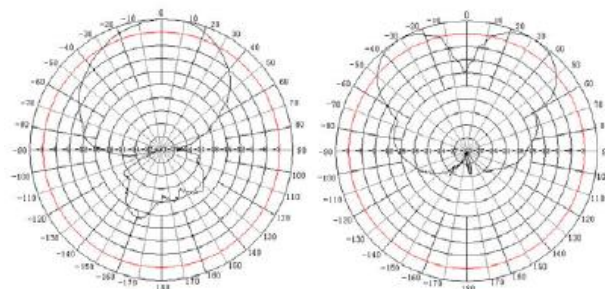
Radiation Pattern @ 2.4 GHz



Vertical Pattern

Horizontal Pattern

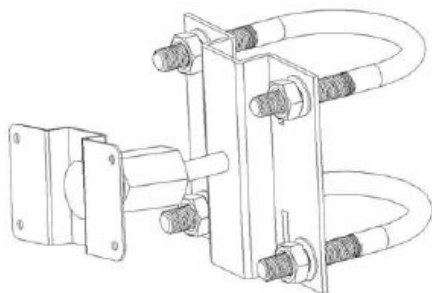
Radiation Pattern @ 5 GHz



Vertical Pattern

Horizontal Pattern

Mounting Bracket Information



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Ordering Information

To order this product, please use the following:

2.4 / 5 GHz Articulating Antenna

A2507NP-DP

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