

DATASHEET

4 dBi Omni RP-SMA MIMO 2.4/5 GHz Antenna A2504S3-O

The 4 dBi Omni RP-SMA MIMO 2.4/5 GHz antenna is a low-profile, multi-polarized MIMO (Multiple Input Multiple Output) antenna that provides antenna feeds and elements that provide maximum diversity for 2.4/5 GHz WiFi and WiMax broadband wireless frequencies.

The antenna provides a built-in ground plane, high-performance, low-cost cable, and high-quality connector for unsurpassed efficiency.

The antenna is extremely suitable for:

- Wireless Broadband Systems
- WiFi AP
- Router
- Bridge
- CPE
- Wireless Mesh
- High-Obstruction Deployments
- Outdoor Fixed or Mobile applications



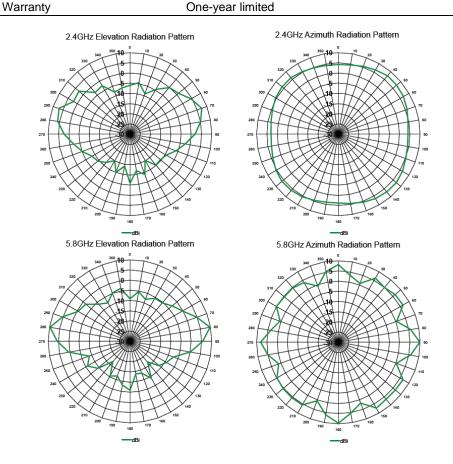
Features

- Built-in spatial diversity
- ♦ Wide band performance
- Integrated ground plane
- UV stabilized material
- Single ¾-inch stud mount

Specifications

Typical Performance

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Frequency Range	2.4 GHz, 4.9 to 6 GHz
Gain	4 dBi (With built-in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains)
VSWR	1.1:1 to 1.5:1
Polarization	Multi-Polarized
Power	50 W Input
Input	50 ohms Nominal
Physical	
Diameter	4.5 in (114.3 mm)
Height	2.5 in (63.6 mm)
Weight	12 oz (340 g)
Cables	LMR200, 15 LF
Connector	RP-SMA
Construction	UV ASA
Ground Plane	Built-in



Regulatory Approvals

Wireless Approvals

Visit our web site at www.prosoft-technology.com for current wireless approval information.



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Ordering Information

To order this product, please use the following:

4 dBi Omni RP-SMA MIMO Antenna with 15-foot Pigtail 2.4/5 GHz

A2504S3-O (15 foot pigtail) A2504S3-O-1 (1 foot pigtail)

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to:

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Specifications subject to change without notice.