

Omnidirectional 2.4 GHz Antennas With Up- and Down-Tilt

Pulse Part Number RO2408NMU and RO2408NMD



Pulse is proud to introduce 2 new WLAN antenna models to our industry-leading omnidirectional antenna product line. These new antennas incorporate electrical up-tilt and down-tilt for difficult coverage applications. Both antennas are suitable for upright or inverted applications and are IP-67 compliant. Antennas are available with an integrated N Male connector for direct access point attachment, or can be supplied with a low-loss cable pigtail and choice of connector for pole mounting with optional bracketry.

Pulse offers single and multi-band omnidirectional pattern antennas for WLAN, ISM, 3G & LTE applications. All antennas are suitable for internal or external applications and available in multiple gain configurations.

Features

- Up-tilt or Down-tilt Configurations
- Upright or Inverted Mounting
- IP-67 Rated
- RoHS Compliant Product

Applications

- Pole or Direct Mount
- Outdoor or Warehouse Access Points
- Couple with Pulse RO58XX products for Dual-Band MIMO systems

Part Number	Beam Tilt	Connector
RO2408NMU	6° Up	N Male
RO2408NMD	6° Down	N Male

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Electrical Specifications

Frequency [MHz]		2400 - 2500
Nominal Impedance [Ω]		50
VSWR		2:1
Gain [dBi]		8
Radiation Pattern	Horizontal Plane	Omni
	Vertical Plane	$13^\circ \pm 2^\circ$
Polarization		Vertical
Power Rating [W]		10

Environmental Specifications

Operating Temperature [$^\circ\text{C}$]	-40 to +85
Storage Temperature [$^\circ\text{C}$]	-40 to +85
Relative Humidity [%]	100

Mechanical Specifications

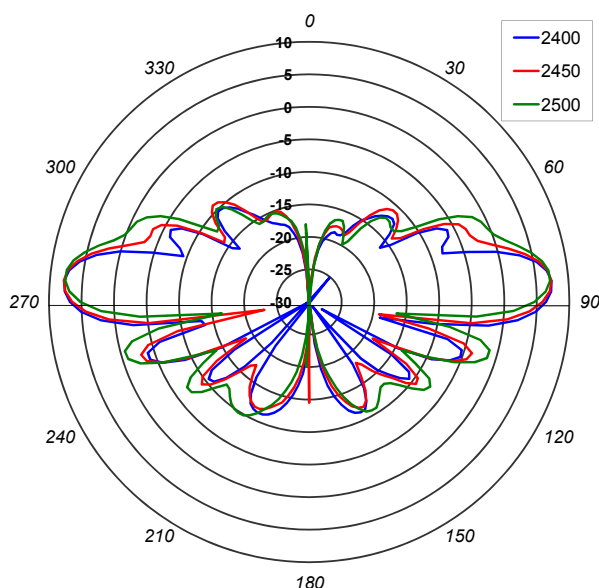
Radome Material	Pultruded Fiberglass
Color	White
Ingress Protection	IP-67
Weight [oz/g]	6.6 / 187
Wind-loading [Mph]	150
Dimensions [Inches/Meters]	20.6 x 1 / 523 / 25.4
Mounting	Direct

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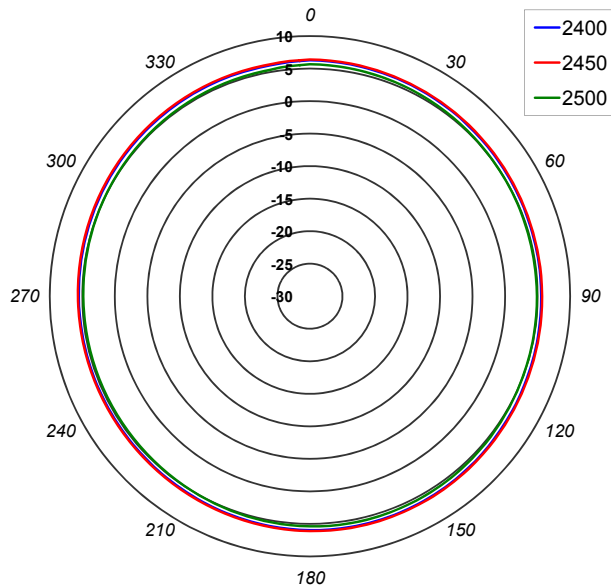
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Radiation Patterns

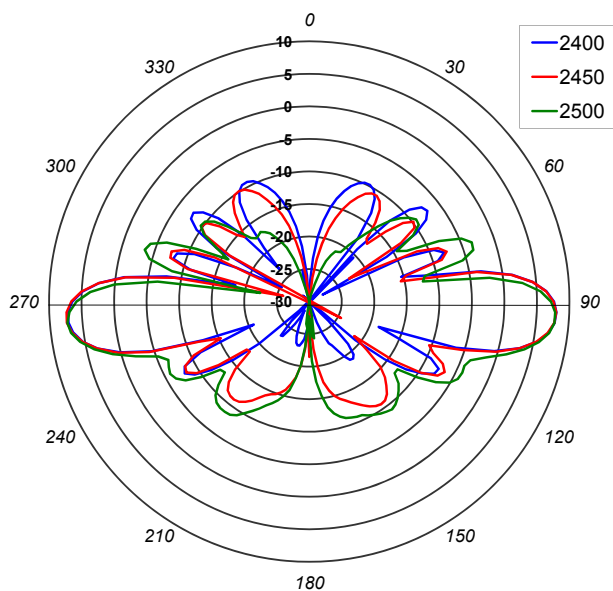
Vertical Plane - UPTILT



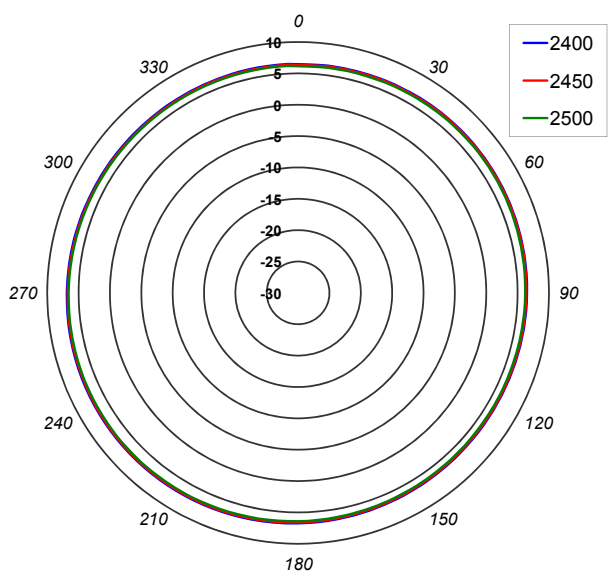
Horizontal Plane - UPTILT



Vertical Plane - DOWNTILT



Horizontal Plane - DOWNTILT



For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Larsen Brand Antennas
3611 NE 112th Avenue
Vancouver, WA 98682
USA

Europe Headquarters
Pulse GmbH & Co. KG
Zeppelinstrasse 15
Herrenberg
Germany

Asia Headquarters
B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejian Road, High-Tech Zone
Nanshan District, Shenzhen, PR China 518057

Pulse North Asia
3F, No. 198, Zhongyuan Road
Zhongli City, Taoyuan County 320
Taiwan R. O. C.

Pulse (Suzhou) Wireless Products Co., Inc.
99 Huo Ju Road, (#29 Bldg, 4th Phase)
Suzhou New District
Science & Tech Industrial Park
Jiangsu Province, Suzhou 215009 PR China

Tel: 858 674 8100
Fax: 858 674 8262

Tel: 360 944 7551
Fax: 369 944 7556

Tel: 49 7032 7806 0
Fax: 49 7032 7806 135

Tel: 86 755 33966678
Fax: 86 755 33966700

Tel: 886 3 4356768
Fax: 886 3 4356823

Tel: 86 512 6807 9998
Fax: 86 512 6809 8023

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