

Rhein Tech Laboratories, Inc.
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Herndon, VA 20170
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Client: 3e Technologies Int'l
Model: 3e-527A3
Standards: FCC 15.247 & RSS-210
ID's: QVT-527A3/6780A-527A3
Report #: 2006146

Appendix B: Antenna Specifications Per FCC §15.204(c)

Please refer to the following pages for a list of antenna options with gain equal to or lesser than those tested by RTL during this testing, and specifications for those antennas tested.

TriBand 2.4, 5.3, 5.8GHz Antenna

“Rubber Duck” Omni

RD2458-5-NM Data Sheet

Features

- **Tri-Band Operation: 2.4GHz, 5.3GHz, 5.8GHz**
- **Outdoor Rated, Weatherproof**
- **Extends Range of Wireless Access Points or Wireless Bridges**

Applications

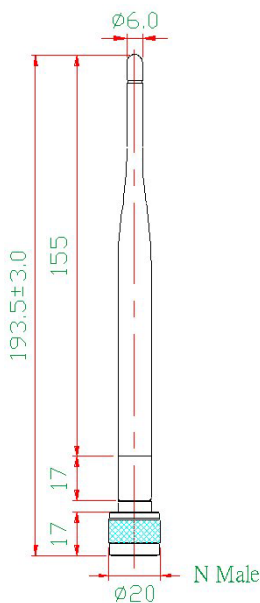
- **802.11a Wireless Equipment**
- **802.11g Wireless Equipment**
- **802.11b Wireless Equipment**
- **OEM Equipment**

Description

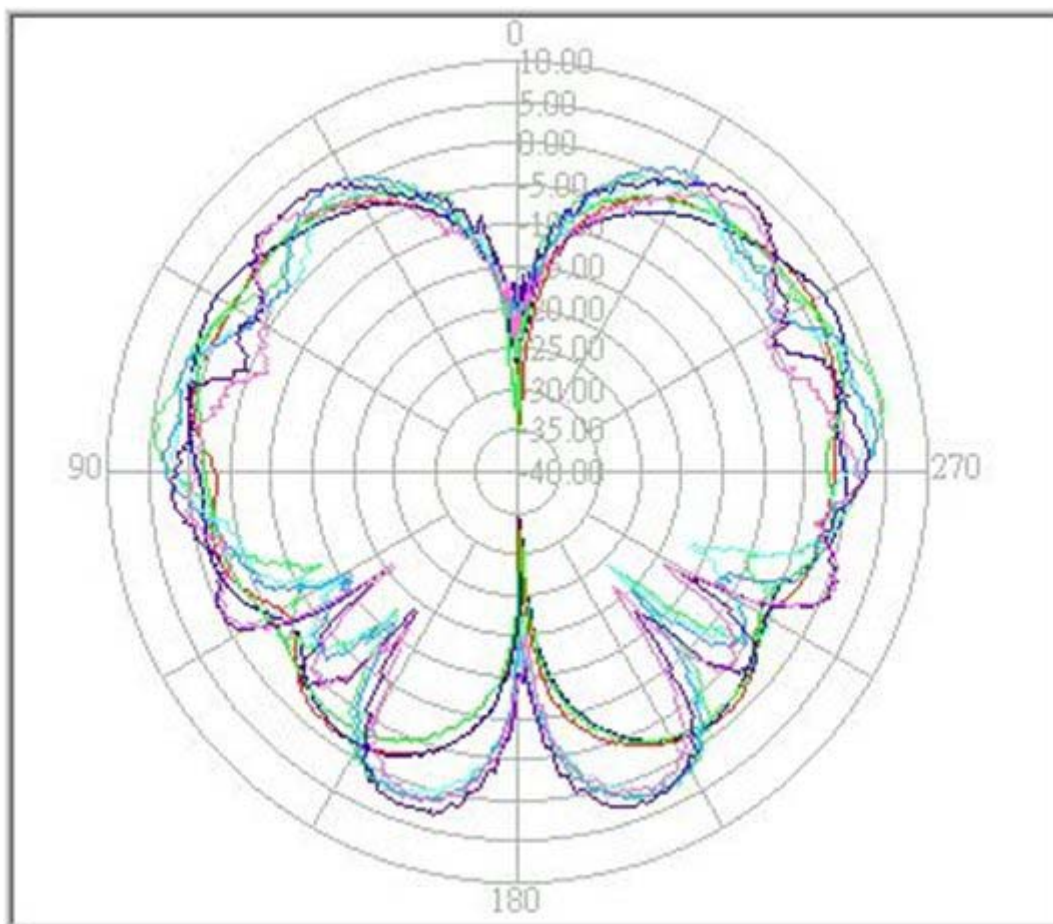
The TriBand IN2458-5-NM Antenna is a high gain (5dBi@5.8GHz) omnidirectional antenna designed for indoor or outdoor use. The antenna is a “TriBand” rather than “Wide Band” antenna design in that it will reject out of band signals between the bands of interest. This feature helps to minimize interference and system noise. The antenna features a 360 Degree Horizontal Transmission Pattern and a 90 Degree Vertical Transmission Pattern. This antenna features an N Male connector for universal connection various equipment.



Specifications



Parameter	Min	Typ	Max	Units
Frequency Range	2400		5825	MHz
Gain	2400 MHz 5150 MHz 5725 Mhz	2.2 4 5		dBi
VSWR		1.5:1		
Impedance		50		OHM
Input Power			10	W
Operating Temperature	-10		+70	Deg C
Weight		1.6 (45.4)		oz (g)
Dimension	7.6 x 0.5D (193 x 12.7D)			In (mm)



E-Plane Antenna Plots

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

System Ordering:

RD2458-5-NM TriBand Indoor/Outdoor 2.4/5.3/5.8GHz Omni Antenna – N Male Connector

For further information contact:**Pacific Wireless**

693 E Draper Heights Way Suite 210
Draper, UT 84020
TEL (801) 572-3024
FAX (801) 572-3025
www.pacwireless.com



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Manufacturers

What's New?



EOC-3220+: 802.11b/g
400mW with 16 dBi integrated
antenna
~~\$299.00~~
\$273.00

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5 GHz 3 dBi Rubber Duck Omni Antenna N Male

[ANT-5G-3-OMNI-NM]

~~\$14.00~~ **\$9.00**

5 GHz 3 dBi Rubber Duck Omni Antenna with N Male Connector

- Waterproof design for outdoor use
- Straight N Male connector
- Grey color



Click to enlarge

The rugged polycarbonate body makes this antenna suitable for use in a wide variety of applications, including office LAN environments, factory floors, remote telemetry and other environments.

Electrical Specifications:

- Frequency: 5725 - 5825 MHz
- Gain: 3 dBi
- Impedance: 50 Ohm
- VSWR: less than 1.5
- Polarization: Vertical
- Maximum power: 50 W

Warranty and Support Information:

- Antenna FAQ Page
- Standard 30 day [return policy](#)
- 1 year manufacturers limited warranty
- All Specifications subject to change without notice.

This product was added to our catalog on Tuesday 14 December, 2004.

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U.FL to N Male Pigtail
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Dual Band Outdoor
Omni N Male

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EUB-362(EXT):
802.11b/g 200mW
USB Adapter with
External Antenna



9 dBi Linear Feed
Antenna N Female
with dish options



MMCX to N-Male
Pigtail 60"

Wednesday 11 October, 2006

4133775 requests since Saturday 10 May, 2003

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