



RA-3, RA-5, & RA-7 Wireless LAN Antennas

The RA-3, RA-5 and RA-7 antennas are ideally suited for IEEE 802.11b and 802.11g wireless LAN's and Bluetooth applications and other systems operating in the 2.4 GHz ISM band. The RA-3 and RA-7 are omnidirectional "rubber-duck" WiFi antennas providing broad coverage. These flexible antennas feature a tilt-and-swivel reverse polarity TNC connector allowing them to be used vertically, at a right angle, or any angle in-between. The RA-5 is a mobile or desktop Omni wireless LAN antenna with a magnetic base.

Features

2.4 GHz ISM Band

IEEE 802.11b and 802.11g Wireless LAN

Reverse-polarity TNC connector

RoHS Compliant

RA-3, RA-5 & RA-7 Specifications

Overall

Frequency

2400-2500 MHz

Impedance

50 Ohm

Finish

Matte Black

Connector

Reverse Polarity TNC Plug

Polarization

Vertical

RoHS Compliant

Yes

RA-3

Gain

3 dBi

VSWR

<2.0

Flame Rating

UL 94HB

Operating Temperature

-40°C to 85°C (-40°F to 185°F)

RA-5

Gain

5 dBi

VSWR

<2.0:1 avg.

Maximum Input Power

10W

Operating Temperature

-40°C to 85°C (-40°F to 185°F)

RA-7

Gain

7 dBi

Beam Width

Horizontal: 360°

Vertical: 25°

Max Power

50W

VSWR

< 1.5:1

Operating Temperature

-40°C to 60°C (-40°F to 140°F)

Product Dimensions/Weight

RA-3

5.6"Length x .5"Diameter (143mm x 13mm),

0.81 oz. (23 g)

RA-5

6" (152.4mm), 16 oz (473.17 g)

RA-7

15.2"Length x 0.50"Diameter (388mm x 13mm),

23.9 oz. (680 g)

Shipping Dimensions/Weight

RA-3

1"W x 1"H x 5.6"D (25.4mm x 25.4mm x 142.24mm),

8 oz (236.59 g)

RA-5

1"W x 1"H x 6"D (25.4mm x 25.4mm x 152.39mm),

8 oz (236.59 g)

RA-7

1"W x 1"H x 15.2"D (25.4mm x 25.4mm x 386.08mm),

8 oz (236.59 g)

Ordering Information

RA-3

Omni Antenna (3 dB), with TNC reverse polarity connector

Catalog Number: 302054003

RA-5

Omni Antenna (5 dB), magnetic mount with TNC reverse polarity connector

Catalog Number: 302054005

RA-7

Omni Antenna (7 dB), with TNC reverse polarity connector

Catalog Number: 302054004

This specifications information is preliminary and is subject to change without notification.

Brand names mentioned are the property of their respective companies.

Contact Information

Telex Communications, Inc.
12000 Portland Avenue South
Burnsville, Minnesota 55337
Telephone: 877-863-4169
Fax: (800) 323-0498

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