

RG-ANT30-D2

Dual-Band Directional High-Gain Outdoor Antenna



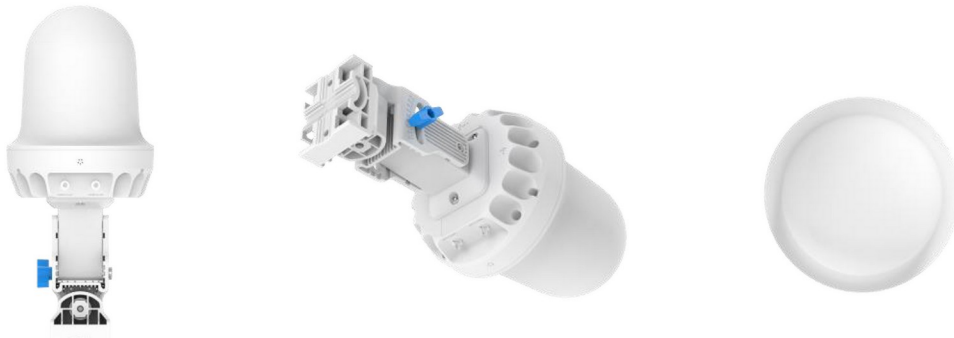
Product Overview

Introduction

The high-performance dual-band directional outdoor antenna is specifically designed for scenarios requiring directional coverage in both 2.4 GHz and 5 GHz bands. Its 5 GHz horizontal and vertical beamwidths are both 20° , with a peak gain of 15 dBi. In the 2.4 GHz band, the horizontal and vertical beamwidths are 40° , and the peak gain reaches 12 dBi.

Product Appearance

RG-ANT30-D2



Antenna Pattern Plots

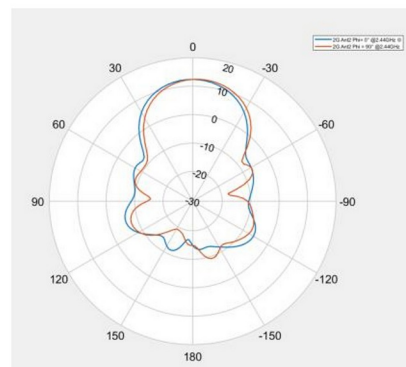
Vertical Planes (Side View, Antenna Facing Down)

2.4G

Ant1

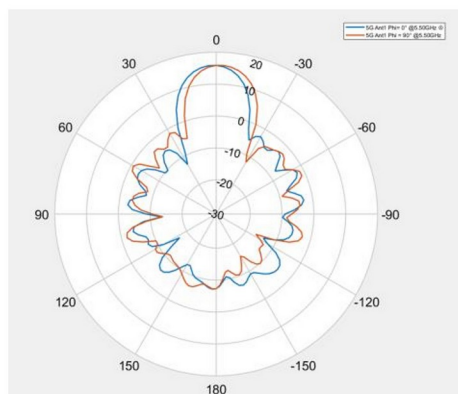


Ant2

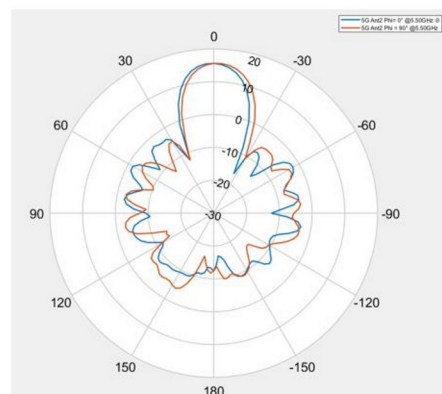


5G

Ant1



Ant2



Product Specifications

Hardware Specifications

Antenna	RG-ANT30-D2
Operating frequency bands	Band 1: 2400–2500 MHz Band 2: 5150–5850 MHz
Polarization	Vertical and horizontal polarization
Antenna gain	Band 1: 12 dBi Band 2: 15 dBi
3-dB azimuth beamwidth	Band 1: 40°±5° Band 2: 20°±3°
3-dB elevation beamwidth	Band 1: 40°±5° Band 2: 20°±3°
Voltage standing wave ratio	Band 1: < 2 Band 2: < 2
Antenna connector	2 x RP-SMA female antenna connectors

Dimensions and Weight	RG-ANT30-D2
Housing material	PC
Unit dimensions (W x D x H)	220.5 mm x 167 mm x 167 mm (8.68 in. x 6.57 in. x 6.57 in.)
Packaging dimensions (W x D x H)	230 mm x 230 mm x 360 mm (9.06 in. x 9.06 in. x 14.17 in.)
Unit weight	0.65 kg (1.43 lbs, without the mounting bracket)
Packaging weight	2.05 kg (4.52 lbs)
Color	White

Power Handling	RG-ANT30-D2
Maximum input power	43 dBm per port

Environment and Reliability	RG-ANT30-D2
IP rating	IP55
Mounting options	Wall-mount and pole-mount

Certification and Regulatory Compliance	RG-ANT30-D2
Certification	CE

Package Contents

Device	RG-ANT30-D2
Main unit	1

Accessories	RG-ANT30-D2
Hose clamp	2
Antenna adjustment assembly	1
Base bracket	1
Wing knob	2
M5 x 66 mm Phillips hex head machine screw	2
Positioning nut	1
M6 x 70 mm expansion anchor	2
M5 x 12 mm Phillips pan head screw	3
Laser pointer holder	1

Manual	RG-ANT30-D2
User Manual	1
Warranty Card	1

Ordering Information

Devices

Model	Description
RG-ANT30-D2	High-performance dual-band directional outdoor antenna, designed for directional coverage in both the 2.4 GHz and 5 GHz bands: 5 GHz: 20° H / V beamwidth, 15 dBi peak gain 2.4 GHz: 40° H / V beamwidth, 12 dBi peak gain

Warranty

For more information about warranty terms and periods, contact your local sales agency.

Warranty terms: <https://www.ruijie.com/en-global/support/servicepolicy>

Warranty period: <https://www.ruijie.com/en-global/support/servicepolicy/cybrey-product-warranty>

Note: The warranty terms are subject to the requirements of different countries and distributors.

More Information

To learn more about the product, please visit our website or contact your local sales representative.

- Ruijie Networks official website: <https://www.ruijie.com/>
- Online support: <https://www.ruijie.com/support>
- Hotline support: <https://www.ruijie.com/support/hotline>
- Email support: service_rj@ruijienetworks.com

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