



# DrayTek

## ANT-1205

5dBi High-Gain Dual-Band Antenna Packs

### Product Overview

The DrayTek ANT-1205 is a replacement aerial (antenna) for any DrayTek router or wireless access point. It provides up to a 5dBi gain (vs. the 2 or 3 dBi standard aerial supplied with the product).

The ANT-1205 can increase coverage in your environment, creating a stronger signal for your WiFi coverage. A high-gain aerial achieves this by creating a narrower and therefore more concentrated radiation pattern. It is still an omnidirectional aerial, i.e. signal radiates in all directions (360 degrees) perpendicular to the aerial's length.

The ANT-1205 is supplied as a pair of antennas, ideal for most DrayTek wireless access points and wireless routers.

The ANT-1205 is a dual band aerial so can be used for either 2.4Ghz or 5.8Ghz operation, or both simultaneously. It is also suitable for 802.11ac operation (5.8Ghz). The aerial can tilt at its base to allow for optimum coverage/spread, or to allow for router wall mounting.

Instead of mounting the aerials on the back of your router directly, you can use an optional magnetic base (Part Code: ANT-BAS1) - useful if your router is in a rack or to get the best aerial position. The optional base can be wall mounted using suitable adhesive pads (e.g. 3M Command Strips).

Remember that signal gain (increased range) doesn't 'magically come from nowhere'. Your base signal strength is still the same.

Aerial gain occurs by concentrating the beam - reducing its vertical angle, so for best all-round coverage (above and below as well as to the sides), use the aerials included with your router.

DrayTek owners can learn more about the theory of aerial gain and its effect in this article (note: access is part of enhanced support, for eligible DrayTek customers only).

**Important Note:** Different local regulations may limit the maximum power output of any wireless transmitting device or the gain an transmitter produces. The use of any optional aerials with increased gain may exceed local limits. It is the user's responsibility to comply with any local restrictions.



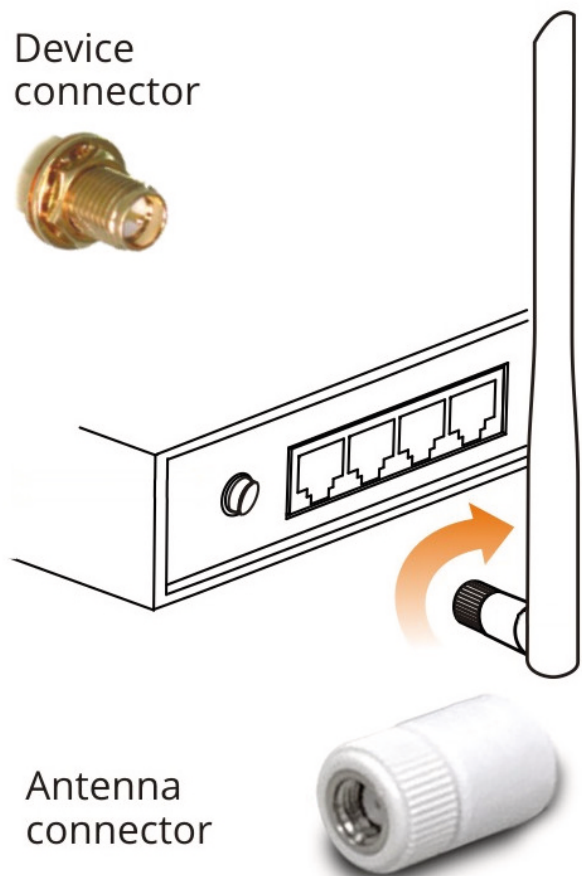
# Key Specification

- High-Gain Dual-Band Aerials
- Set of 2 Antennas
- Available in white or black
- Can improve range and coverage of wireless signal
- Suitable for all DrayTek routers & access Points
- Suitable for 802.11ac & 802.11ax (Wi-Fi 6)
- Frequency Range : 2400-2500Mhz & 5150-5850Mhz
- 4.5dBi Gain at 5.8Ghz
- 5dBi Gain at 2.4Ghz
- Connector: RP-SMA
- Suitable for indoor use only
- Optional magnetic/extension base (ANT-BAS1)

# Full Specifications

## Specifications:

- Operation Band: 2.4GHz and 5GHz
- Standard: IEEE 802.11a/b/g/n/ac/ax
- 2.4GHz Frequency Range: 2400 to 2500 MHz
- 5GHz Frequency Range: 5150 to 5850 MHz
- 2.4GHz Gain: 5 dBi
- 5GHz Gain: 4.5 dBi
- HPBW Horizontal: 360 °
- HPBW Vertical at 2.4GHz: 30 °
- HPBW Vertical at 5GHz: 25 °
- 2.4GHz Voltage Standing Wave Ratio(VSWR): < 2.0
- 5GHz Voltage Standing Wave Ratio(VSWR): < 2.0
- Polarization: Linear
- Power Handling: 1W
- Impedance: 50 Ω
- Connector Type: RP SMA Plug
- Environment: Indoors
- Package Contents: 2x ANT-1205 Antennas
- Dimensions: 198mm Length / 13mm Diameter



# DrayTek ANT-1205 Antenna Pack Models

UK Product Code	EAN	Description
ANT-1205W	4710484740694	ANT-1205 White Antenna Pack (2 Antennas)
ANT-1205B	4710484740700	ANT-1205 Black Antenna Pack (2 Antennas)