



— ANT24-0501

5dBi High Gain Omni-Directional Antenna

For 2.4GHz ISM Band Indoor Use

The D-Link ANT24-0501 is a high-Gain omni-directional antenna designed for 2.4GHz ISM band indoor use. This antenna provides high transmission/reception rates for wireless LAN devices operating on the 2.4GHz public industrial, scientific and medical (ISM) frequency band. It can be used with 802.11b and 802.11g wireless LAN devices such as access points and remote routers. This antenna can be used to replace the default antenna of your wireless device to expand its operation range. It can be connected to your wireless device through an extension cable (provided with the antenna), or directly attached to your wireless device.

Product Features

- 5dBi Gain omni-directional antenna
- Compliant with 2.4GHz ISM band
- For indoors use with 802.11b/g wireless devices
- Extends and expands wireless networking environment range to 360 degree coverage in open space and office environment
- Perfect pattern and adjustable angle for best performance result
- 4 flexible installation options: desktop on flat surface, magnetic attached, wall-mounting and direct attachment on wireless device
- Stylish, unique housing design
- Works with 2.4GHz wireless antennas equipped with RP-SMA or RP-TNC connector
- Extension cable provided for flexible and extendable antenna working environment

ANT24-0501

Technical Specifications

2.4GHz Antenna

Electrical Properties

Frequency Range

2.4GHz to 2.5GHz

Directivity

Omni-directional

Impedance

50 ohm (normal)

VSWR

1.92 (max.)

Return Loss

-10dB (max.)

Antenna Structure

Collinear

Peak Gain

5dBi(without cable loss)

Admitted Power

1 watt

Cable Loss (1.5m)

2.1dB at 2.45GHz

HPBW/E-Plane (Vertical)

36 degrees

HPBW/H-Plane (Horizontal)

360 degrees

Physical & Environmental

Extension Cable

- RG-178 50-ohm
- 1.5-meter length, gray color

Connector

- RP-SMA
- RP-SMA to RP-TNC adapter provided

Antenna Material

ABS, ABS+PC

Color

- Antenna: metallic gray and silver
- Antenna base: metallic gray

Dimensions

230 (H) x 120 (W) x 120 (D) mm (antenna base included)
9 mm (diameter) (antenna pole)

Weight

217 grams (antenna base and extension cable included)

Operating Temperature

-20° to +65°C

Storage Temperature

-30° to +75°C

Operating Humidity

5% to 95% RH non-condensing

Storage Temperature

5% to 95% RH non-condensing



Ordering Information

ANT24-0501

5dBi Omni-Directional Indoor 2.4GHz Antenn



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