

ANT24-1800



## Outdoor High Gain Directional Panel Antenna

- 18dBi Signal Gain to Increase the Range of Your Wireless Device
- Weatherproof and Corrosion Resistant Design for Outdoor Use
- Improves Directional Coverage
- Works with 802.11b and 802.11g Compliant Devices

## 2.4GHz Directional Outdoor Directional Panel Antenna

D-Link, an industry leader in networking, introduces the ANT24-1800 2.4GHz Outdoor Directional Panel Antenna. The ANT24-1800 high gain antenna provides extended signal range for an 802.11b/g wireless device.

The ANT24-1800 is an 18dBi directional panel antenna, giving you extended wireless signal range in a concentrated direction. This 18dBi antenna will also improve signal quality at further distances and is ideal for providing Point-to-Point linking between two buildings.

The ANT24-1800 connects to a variety of D-Link Wireless Routers and Access Points. Using an N-Jack

or the included conversion cable (N-Plug to RP-SMA), the ANT24-1800 also easily connects to other existing wireless networking devices.

With a weatherproof and corrosion resistant shell, the ANT24-1800 is able to withstand harsh outdoor conditions. The ANT24-1800 includes a lightning surge protector, conversion cable, and mounting kit.

*Note: To obtain optimal results in extending wireless range with outdoor antenna installations, it is recommended that professional installer service is consulted for site survey and and proper installation.*

# 2.4GHz Directional Outdoor Directional Panel Antenna

ANT24-1800

## SPECIFICATIONS

### Electrical Specifications

#### Frequency Range

- 2.4-2.5GHz

#### Gain

- 18 dBi

#### VSWR

- 1.5:1 Max

#### Polarization

- Linear, vertical

#### HPBW

- horizontal - 15°
- vertical- 15°

#### Power Handling

- 50W (cw)

#### Impedance

- 50 Ohms

#### Connector

- N female

#### Cable

- (N-male to RP-SMA plug) - 1.5 feet - 0.83db lost per meter

#### Front to Back Ratio

- 26dB

### Environmental & Mechanical Characteristics

#### Survival Wind Speed

- 112 miles/hr (180 km/hr)

#### Temperature

- -40°F to 176°F (-40°C to 80°C)

#### Humidity

- 100% @ 77°F (25°C)

#### Lightning Protection

- DC ground

#### Radome Color

- White

#### Radome Material

- ABS, UV Resistant

#### Weight

- 3.53lbs (1.6kg)

#### Dimensions

- 12.6 x 12.6 x 0.63in. (360 x 360 x 16mm)

#### Housing Material

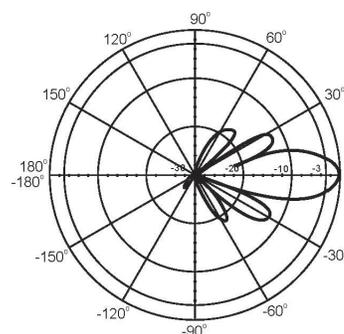
- Galvanized Iron Fire Retardant

#### Warranty

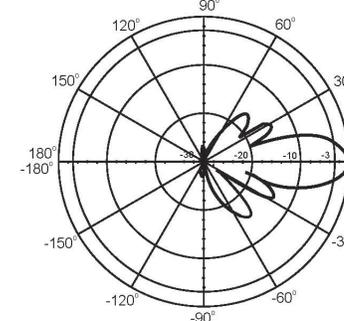
- 1 Year



Add the ANT24-1800 to your 802.11b/g wireless PCI Adapter, Router or Access point for additional wireless signal range.



Vertical



Horizontal



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