

### Dual Frequency Band Support

- Supports 2.4GHz to 2.5GHz frequency range
- Supports 5.1GHz to 5.9GHz frequency range

### Extensive Coverage

- Enhances wireless range with high Gains of 8dBi for 2.4GHz band and 10dBi for 5GHz band

### Ideal For Point-to-Multi Point Connection

- Access high-speed Internet and hot spot applications

### Suitable For Outdoor Deployment

- Durable, waterproof design ideal for outdoor use
- Pole-mount installation
- Water/Dustproof (IP67)

### Optional Accessory

- ANT70-SP Surge Protector

## Dual-Band Omni Directional Antenna



D-Link's ANT70-0800 Dual-Band Omni Directional Antenna is suitable for outdoor installation. It provides a Gain of 8dBi for 2.4GHz band and 10dBi for 5GHz band to give your wireless network an extended operating range. For best performance, users can use an antenna of the same Gain or higher, at the other end of the connection to take advantage of this antenna's powerful signal transmission<sup>1</sup>.

### Point-to-Multi Point Application

The ANT70-0800 is ideal for operating in modes such as point-to-multi point WDS. An example application of this antenna is to extend your local area network (LAN) by connecting LANs at two physically separated locations. Alternatively, Wireless Internet Service Provider (WISP) subscribers can also use this antenna to establish a strong connection between their host and to their ISP's outdoor AP.

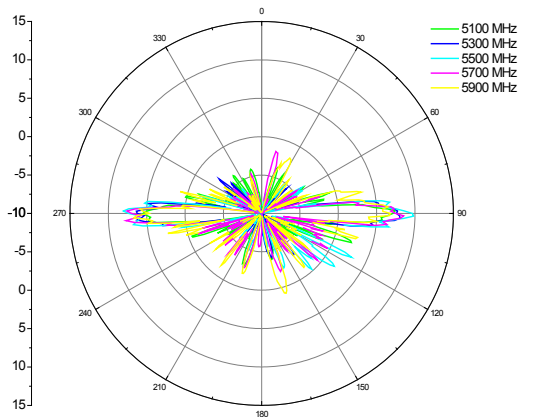
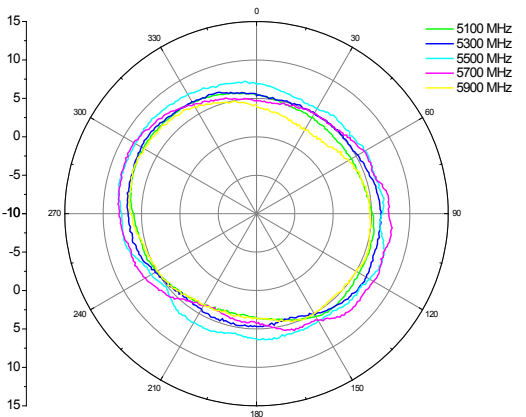
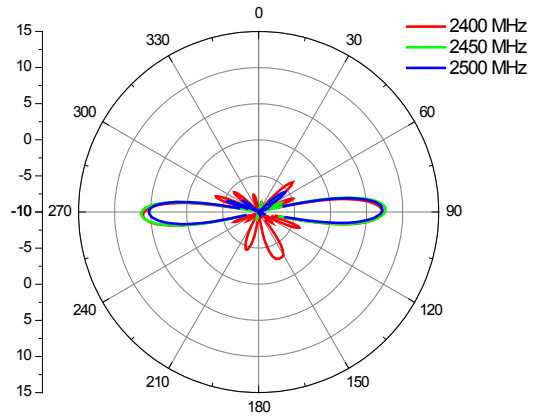
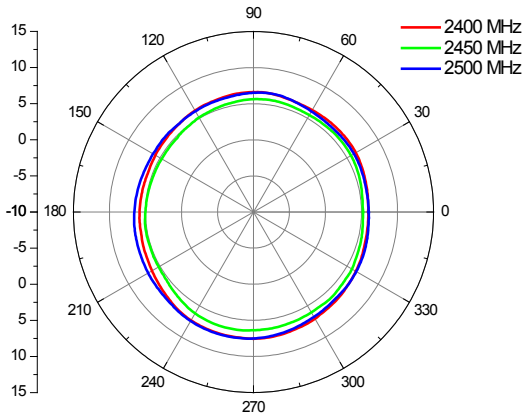
### Weatherproof Design

The ANT70-0800 features a durable build and a waterproof design which provides complete protection from extreme weather. Furthermore, it is made of corrosion-resistant material, enabling it to withstand harsh outdoor conditions and wind speeds up to 216km/hr and is robust enough to remain outside indefinitely.

### Flexible Deployment

For ready installation, the ANT70-0800 antenna includes a pole mounting kit, which allows it to be placed on a pole for better wireless coverage. It also comes equipped with an indoor adapter cable fitted with N-type and RP-SMA connectors for easy connection to a host.

### H-Plane Co-polarization Pattern



### V-Plane Co-polarization Pattern



### Dual-Band Omni Directional Antenna

#### Technical Specifications

##### Electrical Properties

Frequency Range	2400 MHz to 2500 MHz 5100 MHz to 5900 MHz
Peak Gain	8dBi (2.4GHz frequency band) 10dBi (5GHz frequency band)
VSWR	2.0 : 1 maximum (2.4GHz frequency band) 2.0 : 1 maximum (5GHz frequency band)
Polarization	Linear Vertical
Horizontal Half Power Beam Width	360°
Vertical Half Power Beam Width	13° (2.4GHz) 7-10° (5GHz)
Front to Back Ratio	15dB
Downtilt	0°
Power Handling	5 W (cw)
Impedance	50 ohms
Connector	N Jack (built-in)
Extension Cable	N/A
Mounting Type	Pole
Surge Arrestor	Optional

##### Physical & Environmental

Survival Wind Speed	216 km/hr
Operating Temperature	-40°C to +80°C
Operating Humidity	95% @ 55°C
Color	White
Material	Glass Fiber, UV resistant
Weight	1.03 kg
Dimensions	1220 (L) x 75 (W) x 80 (H) mm

<sup>1</sup> Transmission and reception distances can vary according to the transmission speeds. To get maximum signal coverage, make sure there is no obstruction in the signal path between the transmission and reception ends.

<sup>2</sup> The transmission distance range depends on the two same spec antennas with default cable loss under free line of sight environment.