

DrayTek Outdoor 4G Antenna for DrayTek LTE Routers (ANT-4GE1-K)



Product Name: DrayTek Outdoor 4G Antenna for DrayTek LTE Routers (ANT-4GE1-K)

Manufacturer: Draytek

Model Number: ANT-4GE1-K

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The DrayTek ANT-4GE1-K is an outdoor omnidirectional 4G antenna that can improve 4G, 3G & LTE signal reception for any DrayTek Vigor LTE router, expanding coverage and improving speeds, by allowing you to locate the antenna in a location which receives a strong signal.

DrayTek ANT-4GE1-K Key Features

- Omnidirectional Outdoor Aerial
- 4-6 dBi Signal Gain
- Can also be used Indoors
- Improves signal stability and reception
- Suitable for all DrayTek LTE routers
- Wall or Pole mountable (includes fittings)
- 4G, 3G, 2G & LTE Compatible (See band support)
- N-Plug Connector
- Requires N-to-SMA cable (sold separately)

The Outdoor 4G Antennas for DrayTek LTE Routers support all currently used 4G, 3G and 2G frequency bands from 700MHz to 2.7GHz. The antennas are Omni-Directional, designed for vertical orientation to receive signal from any nearby mobile cell tower, without requiring careful or sensitive aiming during installation.

Install a pair of Outdoor 4G Antennas around 0.5m to 1m apart to enable the MIMO (Multiple In, Multiple Out) capability of 4G & LTE wireless networks, further improving speeds and connection resilience. For best results, separate the antennas horizontally in built-up areas and vertically in open areas.

The Outdoor 4G Antennas for DrayTek LTE Routers are weatherproof and ideal for permanent outdoor installation either on a pole or wall. Fixings are provided suitable for either (poles not included).

The N-type connector on each antenna provides a secure and weather resistant antenna connection, which links to the router's SMA antenna connectors with a suitable cable. Each Outdoor 4G Antenna requires an N-plug to SMA cable for installation, such as our own 5 metre cable (model: CAB-LTEA5, supplied separately). You can use your own shorter or longer cables instead, ensuring the right connectors and always keep cable lengths to a minimum to avoid unnecessary signal loss.

DrayTek ANT-4GE1-K Specification - Technical Specifications

Frequency Range (Mhz):

- 4G/LTE: 800, 1800, 2600
- 3G: 900, 2100
- 5G: 700, 3400

Antenna Type:

- Omni-Directional

Performance:

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• Firewall: Up to 400Mb/s
• WAN Protocols : PPPoE, PPTP, DHCP Client, Static IP
• Load Balancing : Policy based or automatic
• WAN Failover : Switch to other connection when primary WAN lost

Installation Environment:

• Outdoors
• Indoors

Horizontal Beam Width:

• 360

Vertical Beam Width:

• 25

Gain (dBi):

• 4 to 6

Polarisation:

• Vertical

VSWR:

• ~1.5

Impedance (ohm):

• 50

Lightning Protection:

• Direct Ground

Operating Temperature (C):

• -40 to 80

Height:

• 25cm (without bracket)
• 32cm (with bracket)

Diameter:

• 7cm

Dome Material:

DrayTek Outdoor 4G Antenna for DrayTek LTE Routers (ANT-4GE1-K)

1½ ABS

Radiating Element Material:

1½ Zinc alloy

Antenna Connector:

1½ N-Female

Weight (kg):

1½ 0.5 (including bracket)

Price: £41.30
