



Fullband MIMORAD Outdoor 4G/5G MIMO Antenna 6dBi Peak Gain with 2 x 5m cables with SMA Male Connectors

Description

Fullband MIMORAD Outdoor 4G/5G MIMO Antenna

Fullband MIMORAD is an omni Directional, high performance wide band antenna that has twin connector cables to connect to the MAIN and AUX ports of 3G, 4G and 5G routers.

It is a Fullband Antenna which means that it works with all UK 2G, 3G, 4G and 5G mobile network frequencies so can be used with all of our 3G and 4G routers that have a MAIN and AUX antenna connection.

It is fully weatherproof so can be positioned outdoors in the optimum position to capture the best 3G/4G signal and deliver it to the connected device and its vertical beam width and Back to front ratio ensure that it will deliver the best performance at all times.

The Peak Gain of this MiMo antenna is 6dBi and the antenna can be wall or pole mounted.

WHY DO I NEED AN EXTERNAL 3G/4G ANTENNA?

You only need to purchase this antenna if your 3G or 4G Router is located in a position with poor 3G/4G network signal BUT you have a good or excellent signal outdoors where you are going to position the antenna.

This is not a booster antenna so you cant install it in the same location as the router hoping that it will boost your signal strength and download and upload speeds – you will need to install this antenna in a location where there is a far better signal than your router is already receiving. if you have similar signal strengths indoors and outdoors then using this antenna will not improve anything and you may

find that you might get a poorer signal in these circumstances.

WHY IS THIS DESCRIBED AS A MIMO ANTENNA?

This is described as a MIMO antenna because inside the housing there are two separate antennas hence the two cables – these will then connect to the two antenna ports of your 3G or 4G router and provide a diversity antenna solution. You can also purchase [Cross Polarised MIMO Antennas](#) which have the antennas in the housing at an angle to each other and using a cross polarised antenna may help improve data throughput for 4G installations.

Fullband MIMORAD Technical Specifications

Frequency 800-960/1710-2600MHz, Now supports UK 5G 2700MHz and 3500MHz.

Central point 800/1800/2600/2700/3500MHz

VSWR 2.0

Peak Gain 6dBi

F/B radio 8dBi

Polarization Type Vertical

Vertical beam width 800-960MHz—40-60°, 1710-2600MHz—14-32°

Rated Power 100W

Input Impedance 50Ω

Physical

Connector Type SMA Male x 2

Cable type SSF50 5m long x 2

Operation temperature -40 to 70 Celsius

Water proof level IP67

Mounting method U bolt

Dimensions 70mm Diameter x 350mm height

Radome Material PVC

Weight 1.5Kg

Date Created

October 31, 2018

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