

# ANTENNA DATASHEET

## Fullband® FBG5BLADE

### Product Image



### Key Technical Features

- Omni-Directional 5GNR/4GLTE
- 617MHz – 2700MHz (617-960, 1427-2690, 3300-5000, 5150-5925 MHz)
- IP67 rated
- Connector mount - Hinged
- Linear Polarisation
- Connector Type: SMA Male
- Impedance: 50 Ohm
- Dimensions: 171 x 38 x 13.8mm
- Peak Gain 4dBi

### Product Features

The Fullband FB5GBLADE Omni-directional antenna is an indoor connector style antenna designed to connect to 4G and 5G routers / mobile IP Cameras, etc. This Fullband 5G Antenna will work with all the UK 2G, 3G, 4G & 5G mobile network frequencies.

The FB5GBLADE is an ideal antenna for a wide range of applications including, smart metering, remote monitoring, vending, and for use for IP Cameras. It is ground plane independent and fully REACH and RoHS compliant.

## Electrical and Antenna Characteristics

|                     |                              |
|---------------------|------------------------------|
| Polarisation        | Linear                       |
| Frequency           | 617-5925 MHz                 |
| Peak Gain           | 4dBi                         |
| Power Handling      | 25W                          |
| Impedance           | 50W                          |
| Radiation Pattern   | Omni-Directional             |
| Max Input Power (W) | 25                           |
| Connector Type      | SMA-Male                     |
| Cable Length        | N/A                          |
| Cable Type          | N/A                          |
| Standards           | 5GNR/4GLTE/3G/2G/NB-IoT/LPWA |

## Environmental and Mechanical Specifications

|                          |                        |
|--------------------------|------------------------|
| Dimensions (mm)          | 171 x 38 x 13.8mm      |
| Radome                   | ASA UV Stable material |
| Ground plane independent |                        |
| Operating Temp ( C )     | -40 to +85             |
| Storage Temp ( C )       | -40 to +85             |
| Mounting Type            | Terminal               |
| Compliance               | RoHS, REACH            |