

### Electrical Specifications

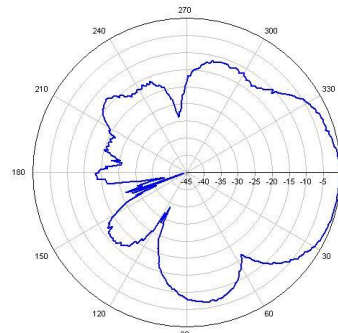
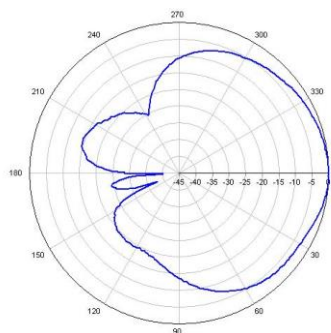
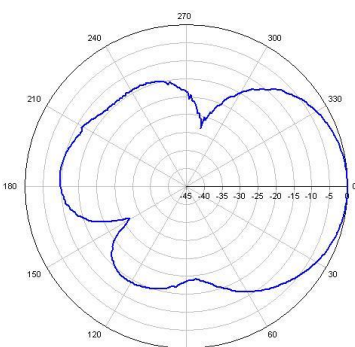
|                      |            |               |           |           |
|----------------------|------------|---------------|-----------|-----------|
| Frequency Range      | MHz        | 698-960       | 1710-2170 | 2400-2700 |
| Gain                 | dBi        | 10            | 11.0      | 11.0      |
| Polarization         |            | Vertical      |           |           |
| Beamwidth            | Vertical   | deg           | 58        | 48        |
|                      | Horizontal | deg           | 75        | 60        |
| Front-To-Back Ratio  | dB         | > 18          |           |           |
| VSWR                 |            | < 1.8:1       |           |           |
| Maximum Power        | W          | 100           |           |           |
| Impedance            | $\Omega$   | 50            |           |           |
| Lightning Protection |            | Direct Ground |           |           |

### Mechanical Specifications

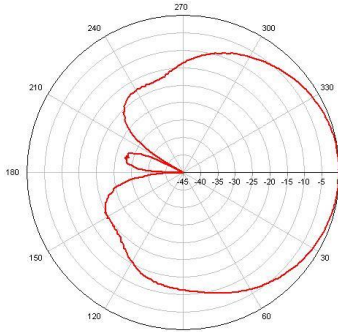
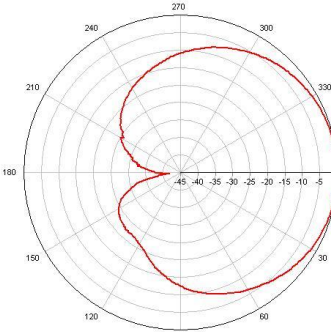
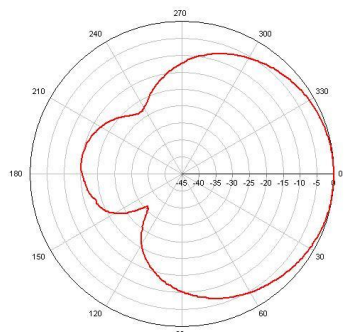
|                              |         |                             |
|------------------------------|---------|-----------------------------|
| Dimensions, HxWxD            | mm (in) | 455x210x65 (17.9x8.3x2.6)   |
| Weight, without Mounting Kit | kg (lb) | 1.5 (3.3)                   |
| Weight, with Mounting Kit    | kg (lb) | 1.7 (3.7)                   |
| Radome Material and Color    |         | PVC, Light Grey, RAL7035    |
| Mounting Kit                 |         | Wall or pole mount included |
| Radiating Element Material   |         | Brass                       |
| Connector Type and Location  |         | N-Female, Bottom            |
| Operational Temperature      | °C      | -55 to +70                  |
| Operational Humidity         | %       | ≤ 95                        |

### Radiation Patterns

Vertical pattern



Horizontal pattern



900MHz

1710MHz

2500MHz

### Features and Product Description

- Broadband, coverage 698-960/1710-2170/2400-2700MHz .
- Typically used in outdoor distribution of 2G/3G/4G and WLAN/WIMAX) services.
- Low return loss, High gain, Stable performance.
- Radome material fully adapted for outdoor installations.
- Compact, light-weight and easy to install.
- Supplied with mounting clamp.

