

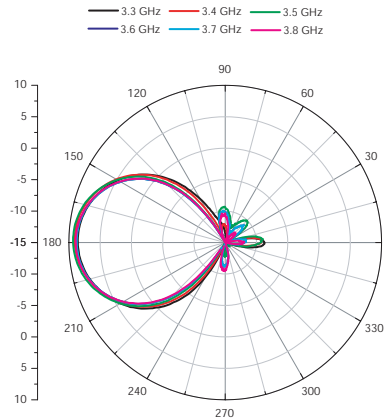
# 9dBi High Gain Directional Antenna for WiMAX 3.3GHz~3.8GHz

**MGA-DS-09B**

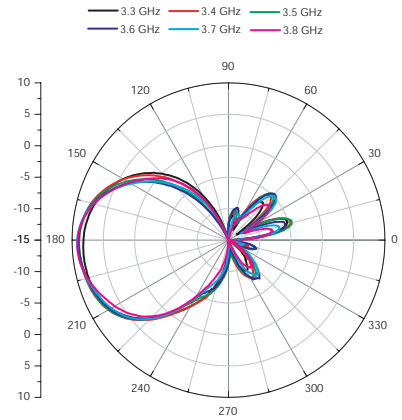
**Data Sheet**



H-Plane Co-Polarization Patterns



V-Plane Co-Polarization Patterns



## Electrical Specification

|                  |                  |
|------------------|------------------|
| Frequency Range: | 3.3GHz~3.8GHz    |
| Peak Gain*:      | 9 dBi            |
| VSWR:            | 1.92:1 max.      |
| HPBW /H:         | 45°              |
| HPBW /V:         | 45°              |
| Impedance:       | 50 ohms          |
| Polarization:    | Linear; Vertical |
| Power Handling:  | 10 W             |
| Connector:       | N Jack           |
| Cable:           | CFD -200 L:45cm  |

## Mechanical Specification

|                        |                            |
|------------------------|----------------------------|
| Operating Temperature: | -30°C~80°C                 |
| Storage Temperature:   | -40°C~85°C                 |
| Humidity:              | 95% RH                     |
| Radome Material:       | ABS + uv resistance        |
| Color:                 | White                      |
| Dimensions:            | 120L x 120W x40H           |
| Weight:                | 170 gf                     |
| Mounting Function:     | Pole Mount.<br>Wall Mount. |

\*Excluding cable loss

