

Innovative **Technology** for a **Connected** World

698-960 MHz/1710-2700 MHz

LTE Direct Mount Omnidirectional Antenna



MULTI-BAND DIRECT MOUNT OMNIDIRECTIONAL ANTENNA

The OC69271 antenna is a wide band omnidirectional antenna covering the domestic LTE700/Cellular/ PCS/AWS/MDS, WiMAX 2300/2500, and global GSM900/GSM1800/UMTS/LTE2600 bands. The antenna can be used in both indoor and outdoor applications. It comes complete with mast mounting hardware and includes a UV stable radome enclosure that provides years of use without degradation to either mechanical properties or aesthetics.

FEATURES ✓ RoHS

- Applicable for both 3G and 4G solutions
- Domestic LTE 700 band and Global LTE 2600 band
- Domestic Cellular and Global GSM
- WiMAX 2300/2500/2600
- Weatherproof UV stable radome
- Mast mounting hardware included

MARKETS

- Broadband wireless access service provider
- Campus, healthcare, or transportation terminals
- Stadium, industrial plants, and processing stations
- Low-to-medium density, tower mounted rural locations

OC69271

• Public Safety Radio

| PARAMETER | SPECIFICATION |
|-------------------------------|--|
| Frequency | 698 to 960 MHz, 1710 to 1990 MHz, 1920 to 2170 MHz, 2100 to 2500 MHz, 2500 to 2690 MHz |
| Gain | 698 to 960 MHz - 1.5 dBi, 1710 to 2700 MHz - 3.5 dBi |
| Average Efficiency | 698 to 960 MHz - 76%, 1710 to 2700 MHz - 87% |
| 3 dB Beamwidth - E-plane | 698 to 960 MHz - 81°, 1700 to 2200 MHz - 75°, 2500 to 2700 MHz - 100° |
| 3 dB Beamwidth - H-plane | 360°, Omnidirectional |
| Polarization | Linear, Vertical |
| Nominal Impedance | 50 Ohms |
| VSWR | 698 to 960 MHz - <2.5:1, 1710 to 2690 MHz - <2.0:1 |
| Power | 10 watts |
| RF Connector | N-type (M or F) |
| Mount Style | Mast/pole mount |
| Radome | Polycarbonate, UV, White |
| Material Substance Compliance | ROHS Compliant |
| Operating Temperature | -30°C to +70°C |
| Storage Temperature | -40°C to +85°C |
| Dimensional (H x OD) | 248 x 24.5 mm (9.8" x 1") |
| Weight | 156 g |

CONNECTORS

| MODEL NUMBER | CONNECTOR |
|--------------|---------------|
| OC69271-FNM | Type N male |
| OC69271-FNF | Type N female |

All antennas carry a 1-Year Warranty

global solutions: local support ...

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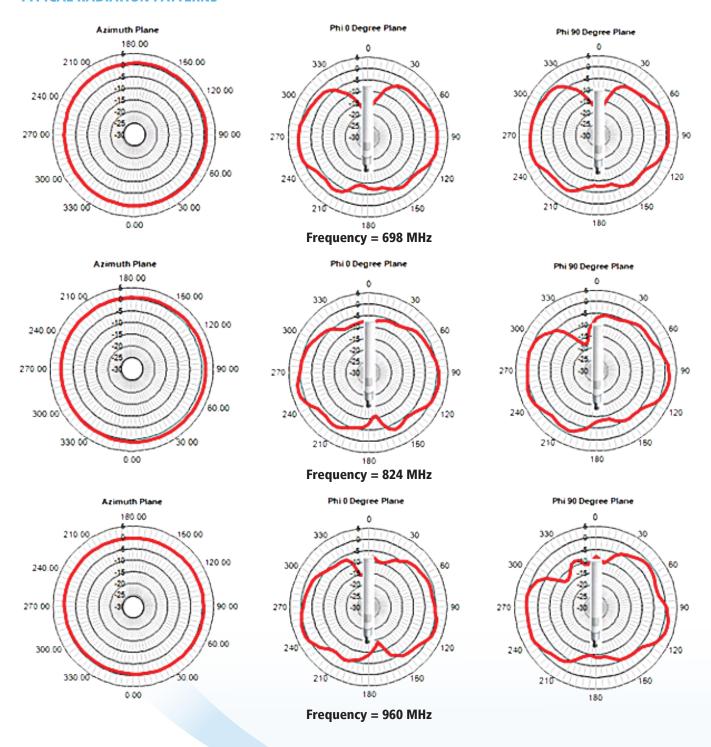
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TYPICAL RADIATION PATTERNS

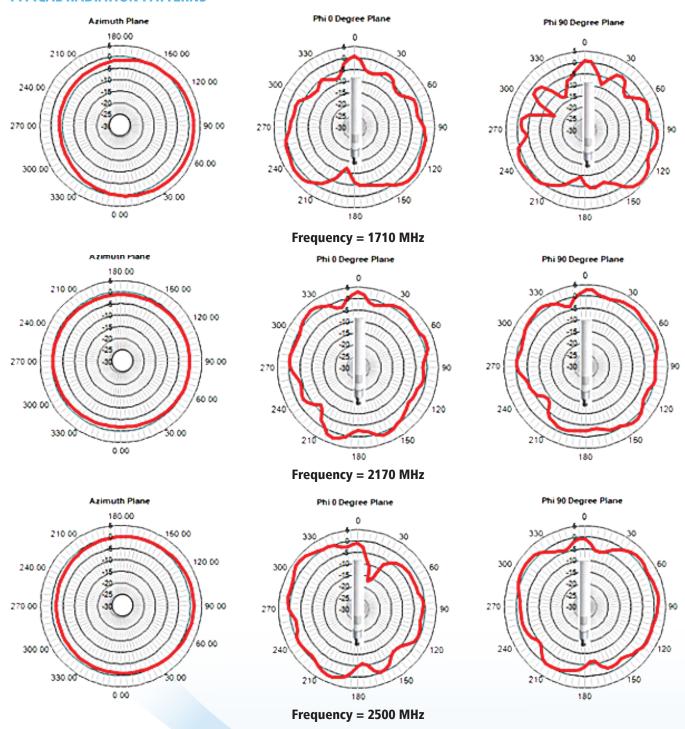






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