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OC69271

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
- 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

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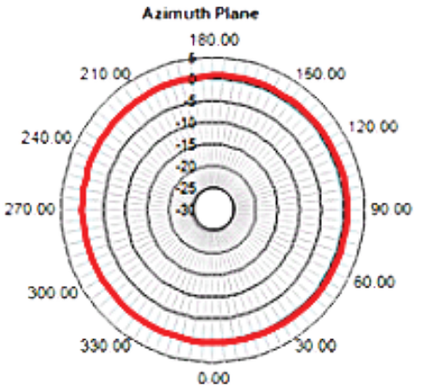
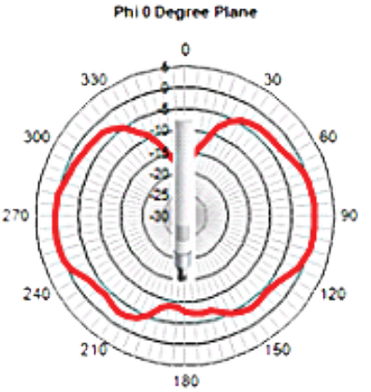
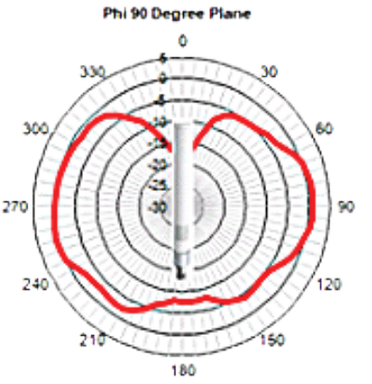
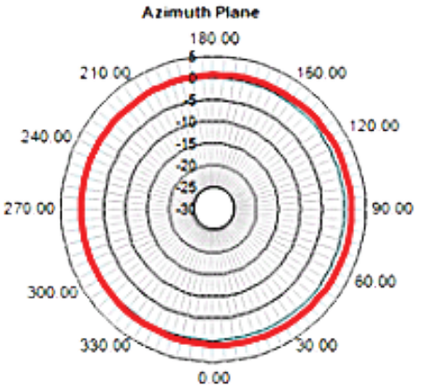
TYPICAL RADIATION PATTERNS

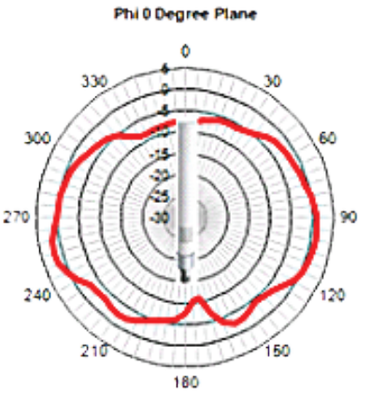


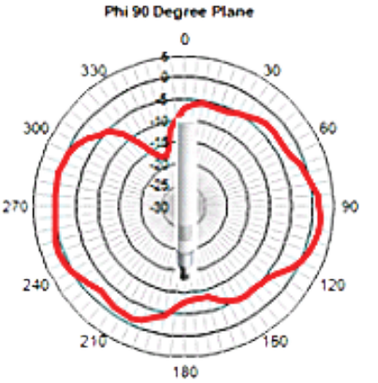




Frequency = 698 MHz







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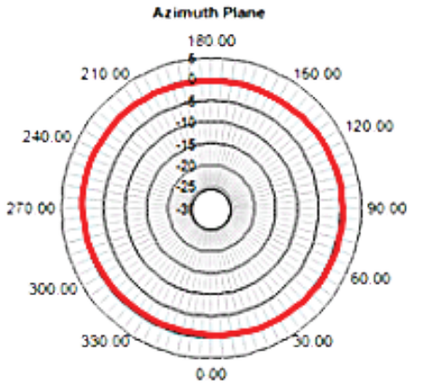

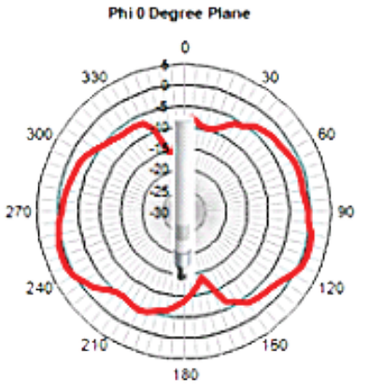

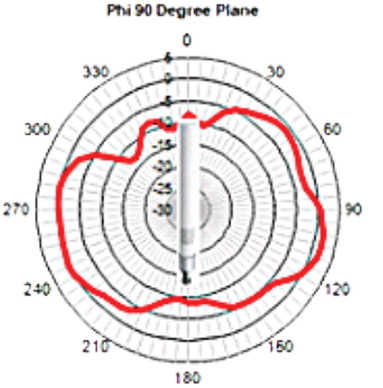

Frequency = 960 MHz

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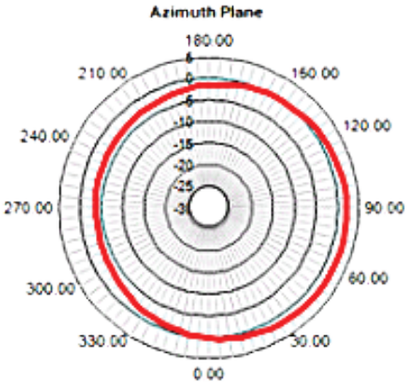
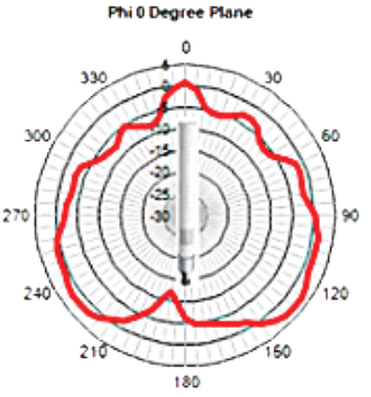
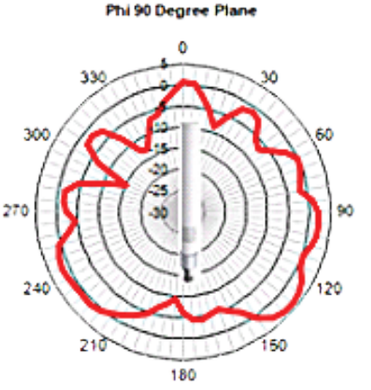
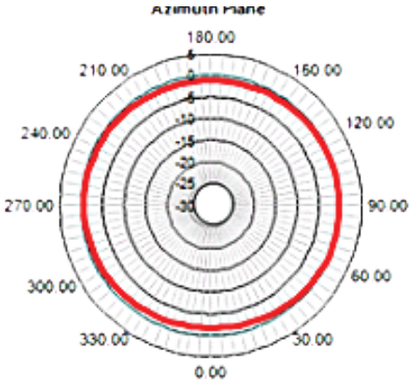
TYPICAL RADIATION PATTERNS

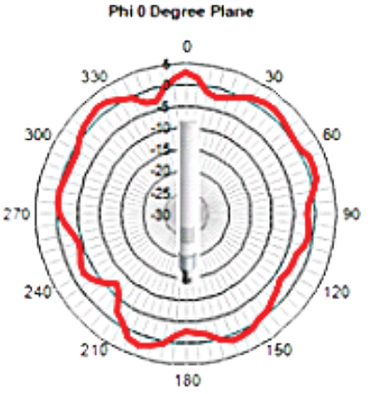


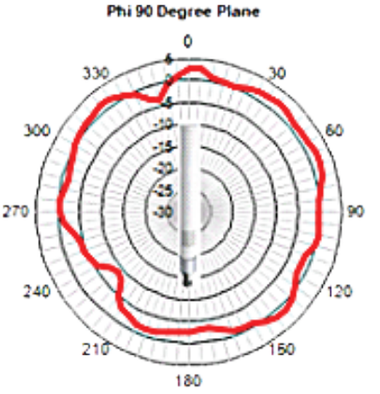




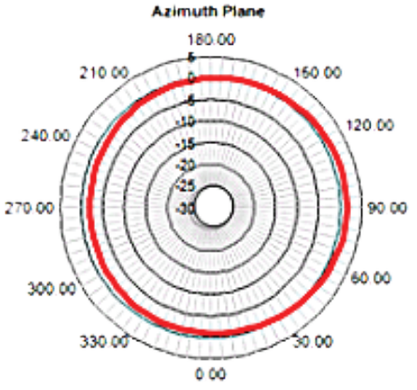
Frequency = 1710 MHz

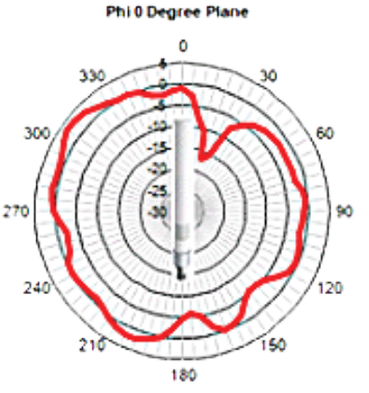


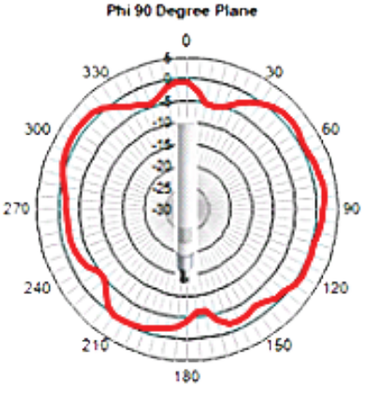




Frequency = 2170 MHz







Frequency = 2500 MHz

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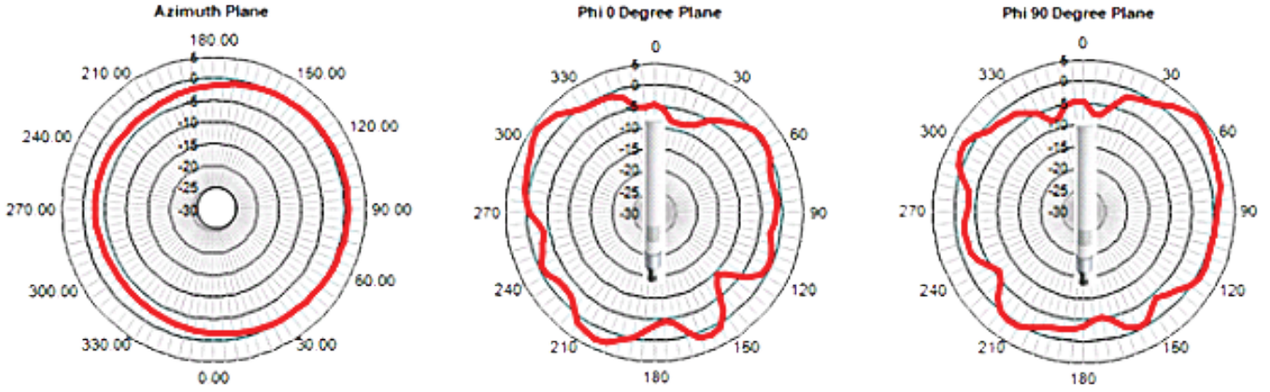
TYPICAL RADIATION PATTERNS



Frequency = 2700 MHz

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LifeElectronics
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ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
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- *Приемлемые сроки поставки, возможна ускоренная поставка.*
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- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
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- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
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- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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- *Техническую поддержку проекта.*
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- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

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