

NANE81X14PJCM2C302A0F

698 & 1710 MHz LTE MIMO External Antenna



Description

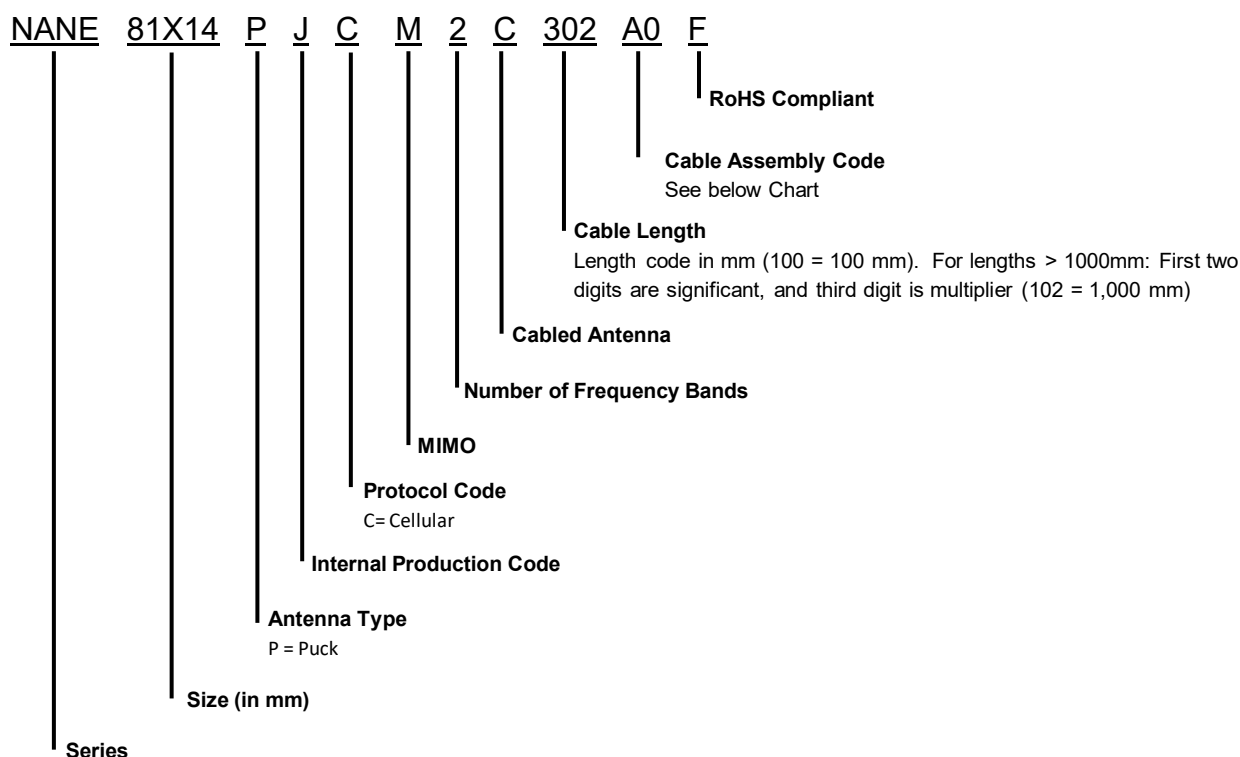
NANE81X14PJCM2C302A0F is an external antenna designed for LTE applications. It operates within the frequency ranges of 698~960 MHz and 1710~2690 MHz, making it perfect for use in Routers, Gateways, and Meters.

Features

- 698 & 1710 MHz LTE MIMO
- Customizable Cable and Connector Options
- IP67 Waterproof Rating
- RoHs Complaint



Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE81X14PJCM2C302A0F	LTE	SMA MALE	RG174	3000 mm

The table represents assembled part numbers available on www.niccomp.com. For options not listed above please contact NIC



Specifications

Electrical

LTE Main

Frequency Range	698~960 MHz 1710~2690 MHz
Gain	2.5 dBi typ.
V.S.W.R	< 3.0
Polarization	Linear
Impedance	50Ω

LTE Aux

Frequency Range	698~960 MHz 1710~2690 MHz
Gain	2.0 dBi typ.
V.S.W.R	< 3.0
Polarization	Linear
Impedance	50Ω

Environmental

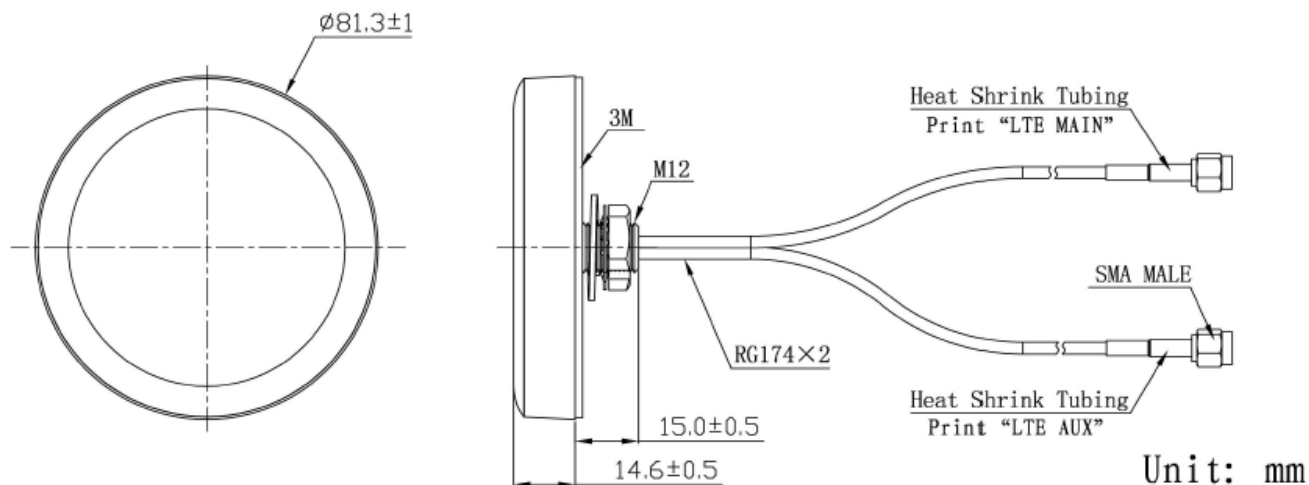
Operating Temperature	-40°C ~ +85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hrs
Radome Material	ABS
Mounting Method	Screw
ROHS Compliant	Yes

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Dimensions



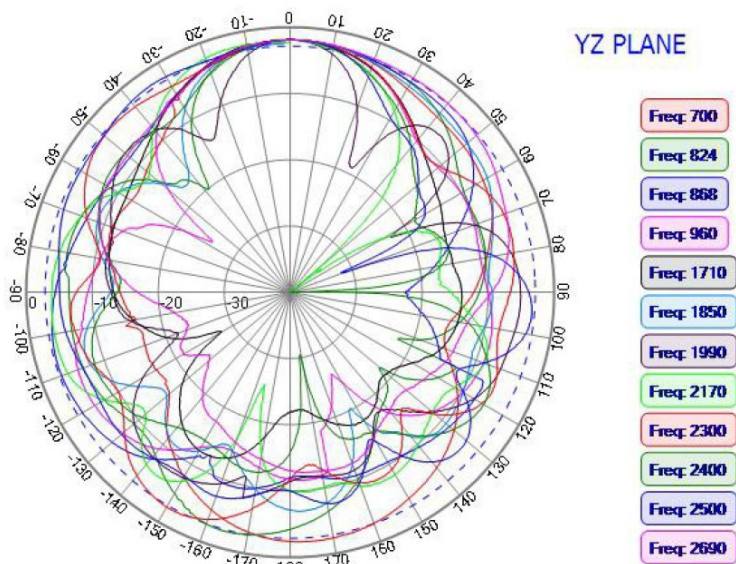
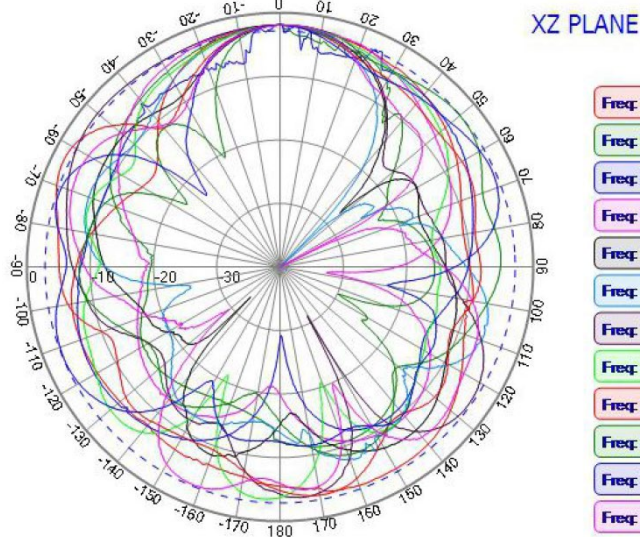
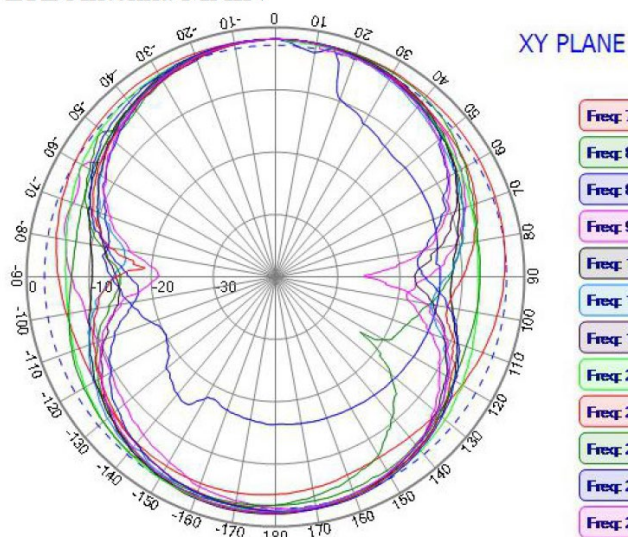
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Radiation Patterns

LTE Antenna MAIN



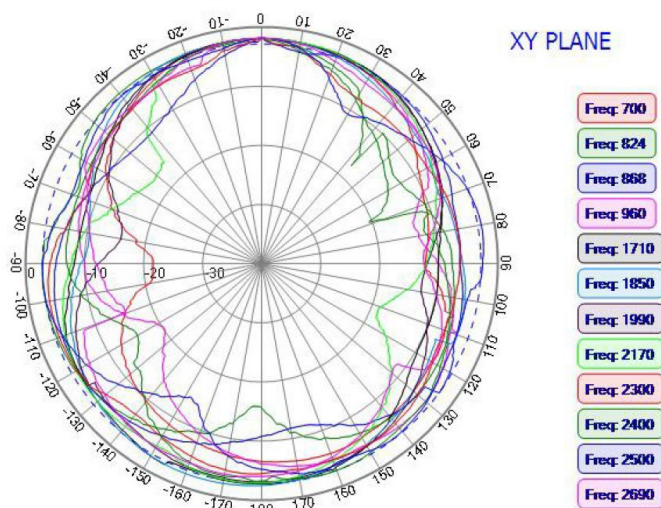
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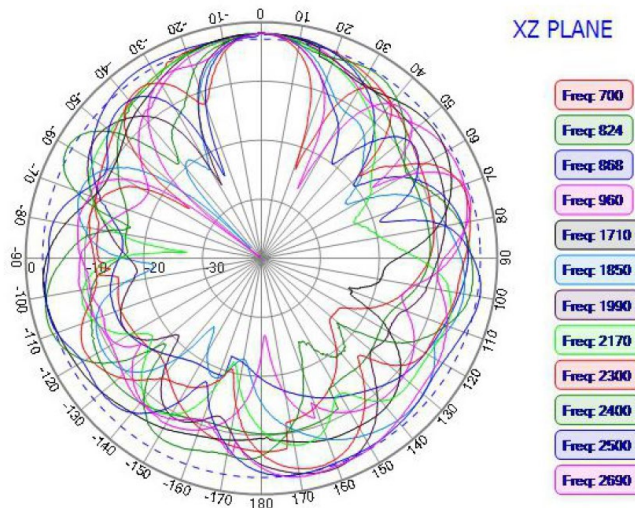


LTE Antenna AUX

XY PLANE



XZ PLANE



YZ PLANE

