

NANE84X81PJC2C302A0F

698 & 1710 MHz LTE External Antenna

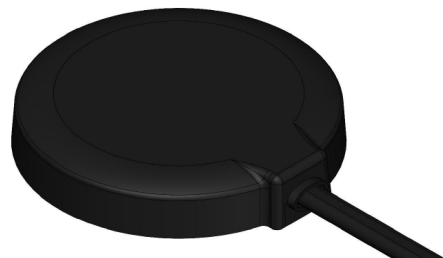


Description

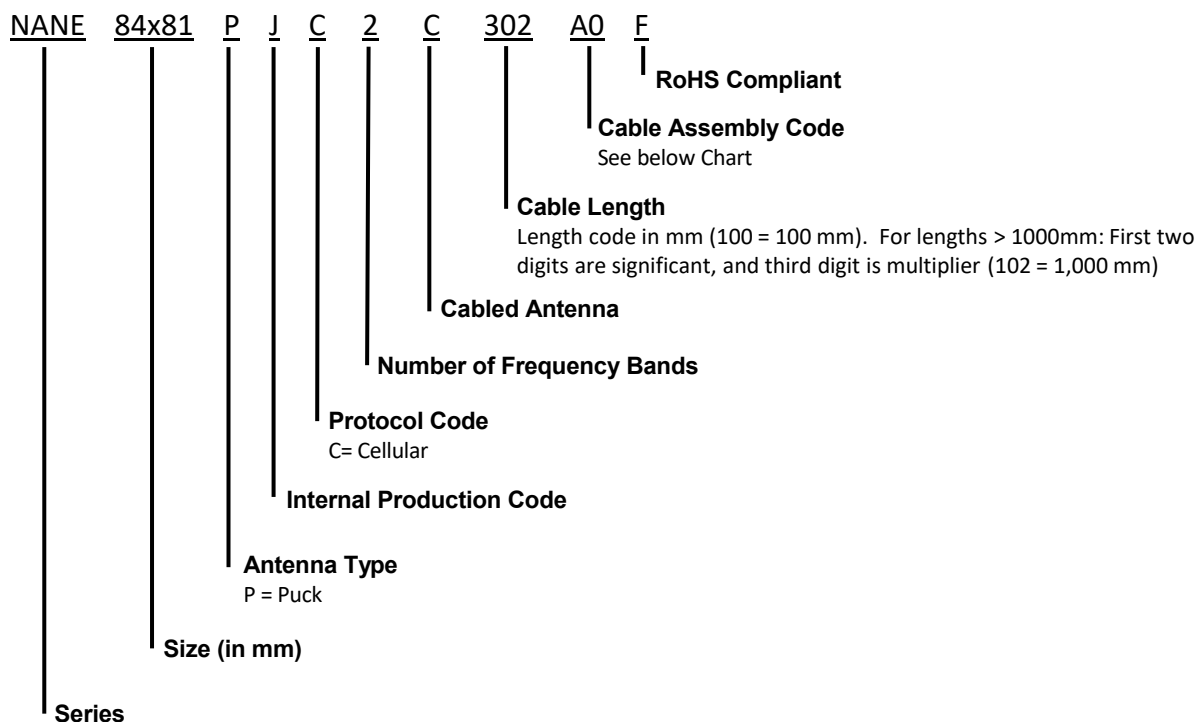
The NANE84X81PJC2C302A0F is an external antenna designed for LTE applications. It operates within the frequency ranges of 698~960 MHz, and 1710~2690 MHz making it perfect for use in Routers, Gateways, and Meters.

Features

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



Part Number Breakdown



Standard Part Numbers Listings

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE84X81PJC2C302A0F	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

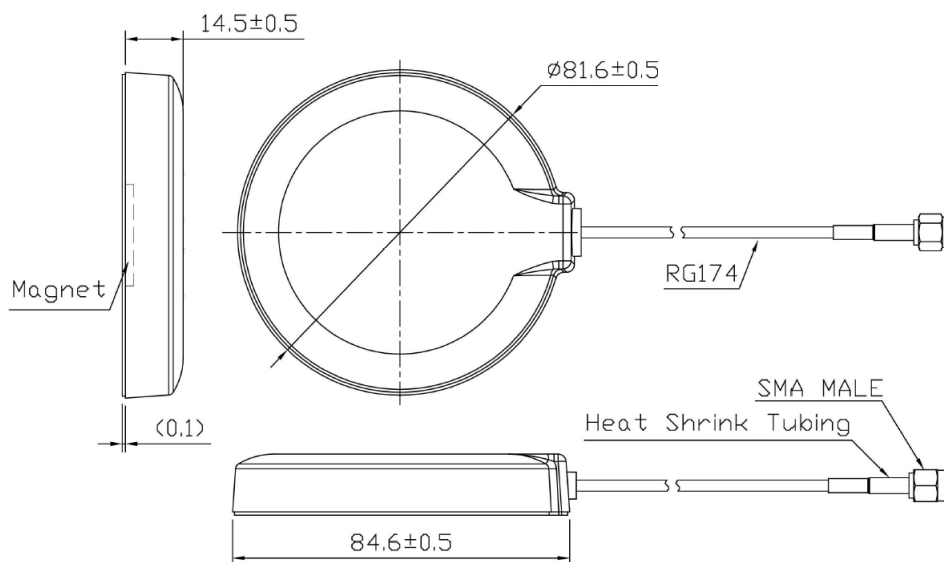
LTE Antenna

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
Vibration	10 to 55Hz with 1.5mm amplitude 2hrs
Radome Material	ABS
Mounting Method	Adhesive / Magnet
ROHS Compliant	Yes

Dimensions



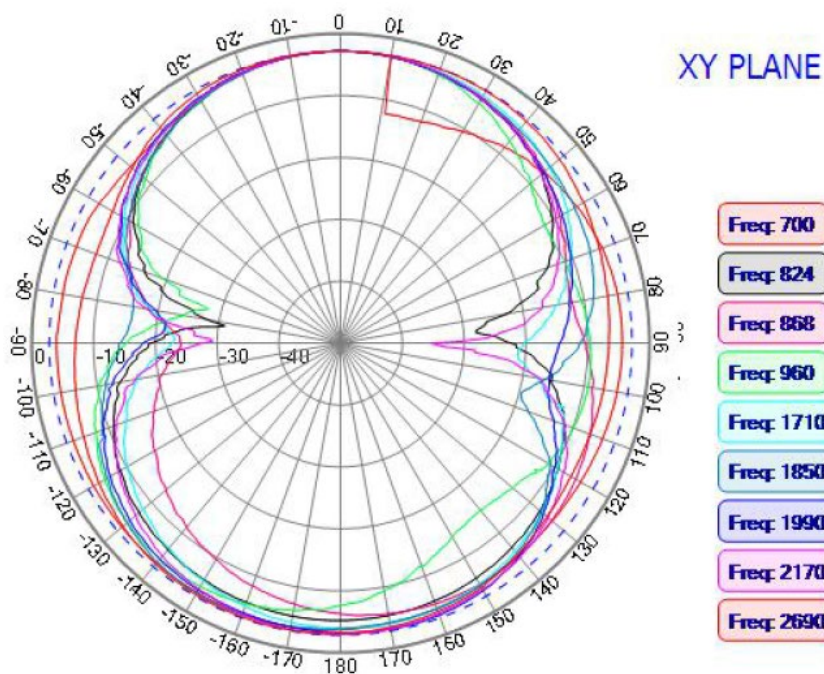
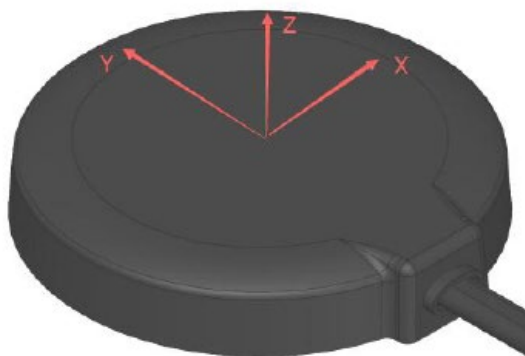
UNIT: mm

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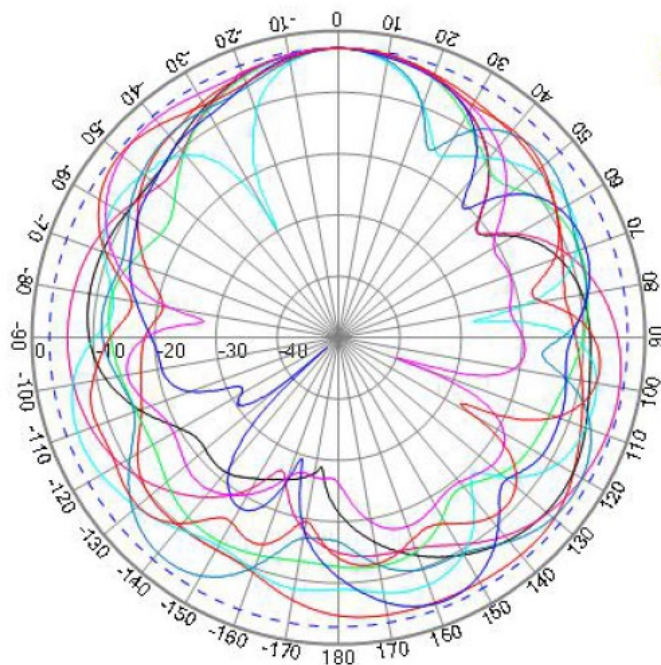


Radiation Patterns



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XZ PLANE

Freq: 700

Freq: 824

Freq: 868

Freq: 960

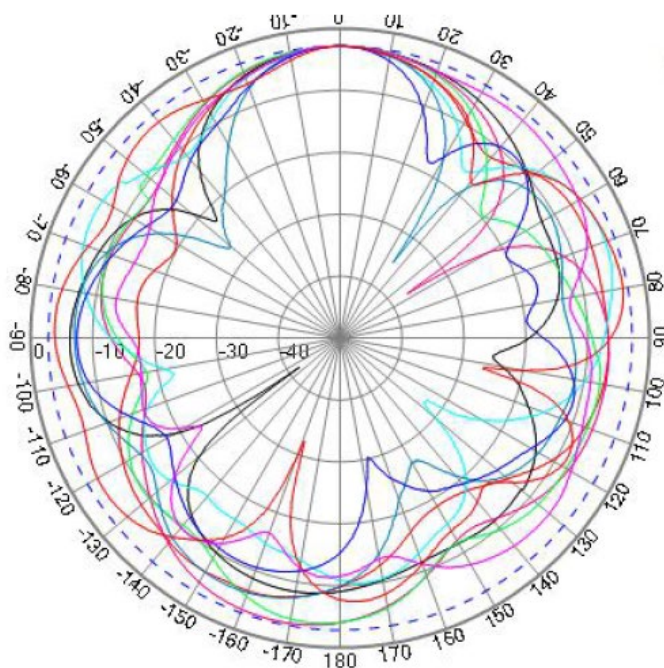
Freq: 1710

Freq: 1850

Freq: 1990

Freq: 2170

Freq: 2690



YZ PLANE

Freq: 700

Freq: 824

Freq: 868

Freq: 960

Freq: 1710

Freq: 1850

Freq: 1990

Freq: 2170

Freq: 2690