

NANE81X14PJCW4C302A0F

698 & 1710 MHz LTE External Antenna

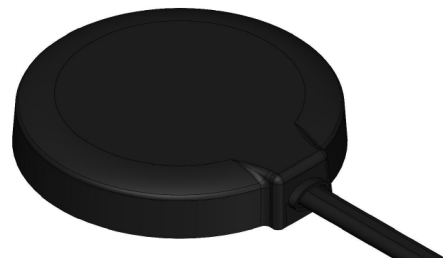


Description

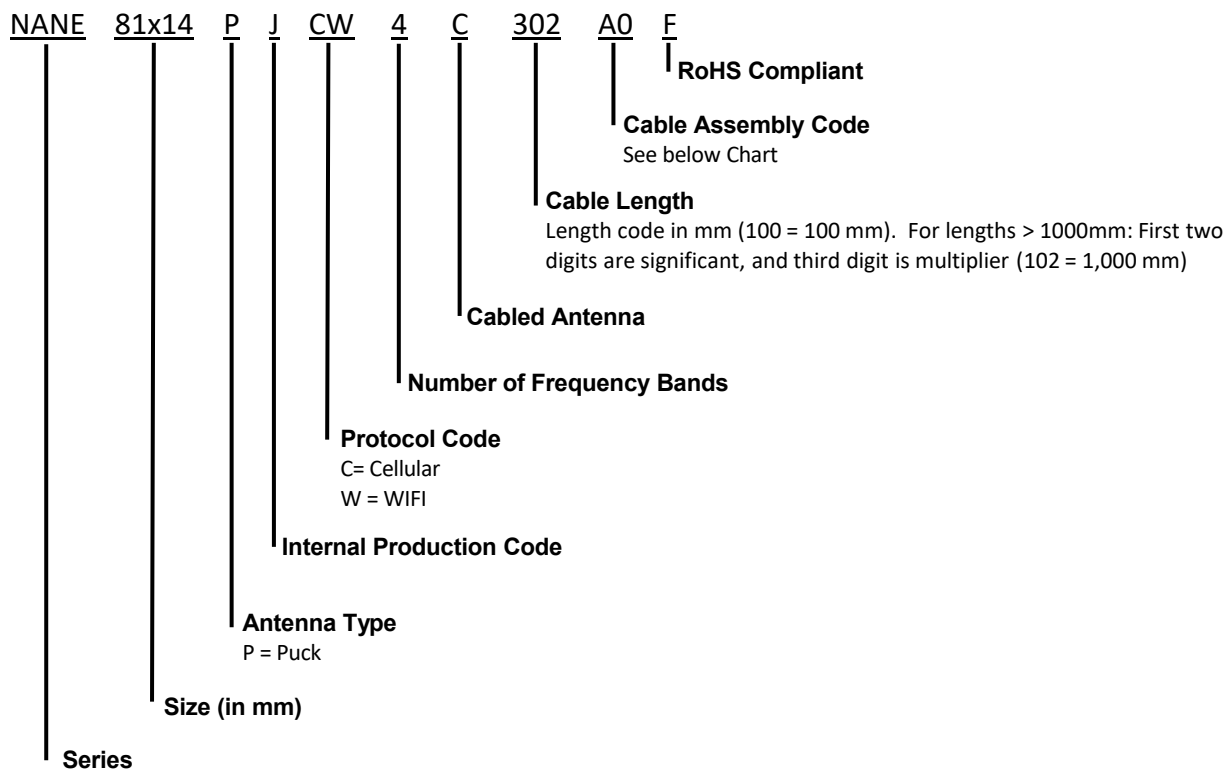
The NANE81X14PJCW4C302A0F is an external antenna designed for LTE & WIFI applications. It operates within the frequency ranges of 698~960 MHz, 1710~2700 MHz, 2400~2483.5MHz and 4900~5825MHz making it perfect for use in Routers, Gateways, and Meters.

Features

- 698 & 1710 MHz LTE Protocols
- 2400 & 4900 MHz LTE Protocols
- Customizable Cable and Connector Options
- IP67 Waterproof Rating
- RoHs Compliant



Part Number Breakdown



Standard Part Numbers Listings

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE81X14PJCW4C302A0F	LTE & WIFI	SMA MALE	RG174	3000 mm

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

Performance Passives By Design

NIC Components Corp.
100 Baylis Road. Melville, NY 11747

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www.niccomp.com

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Specifications

Electrical

LTE Antenna

Frequency Range	698~960 MHz 1710~2700 MHz
Gain	2.0 dBi typ.
V.S.W.R	< 3.0
Polarization	Linear
Impedance	50Ω

WIFI Antenna

Frequency Range	2400~2483.5MHz 4900~5825MHz
Gain	3.0 dBi typ.
V.S.W.R	< 2.0
Polarization	Linear
Impedance	50Ω

Environmental

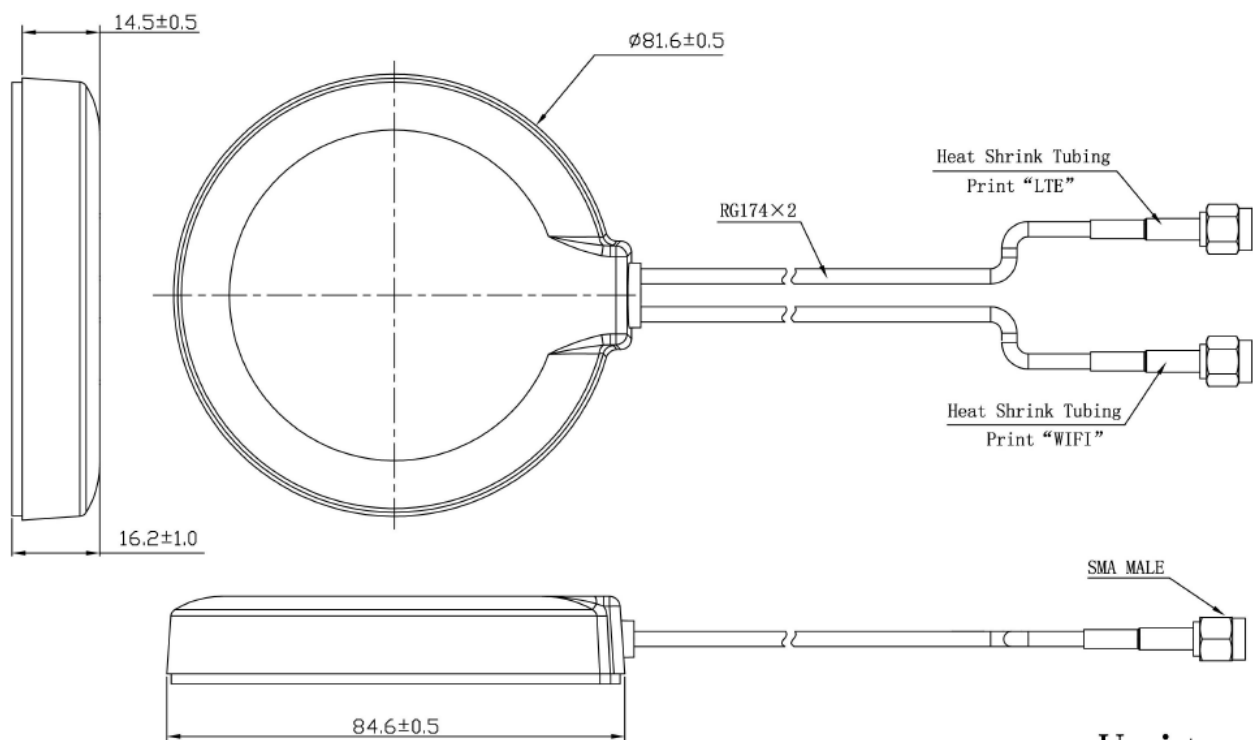
Operating Temperature	-40°C ~ +85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2hrs
Radome Material	ABS
Mounting Method	Adhesive / Magnet
ROHS Compliant	Yes

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Dimensions



Unit: mm

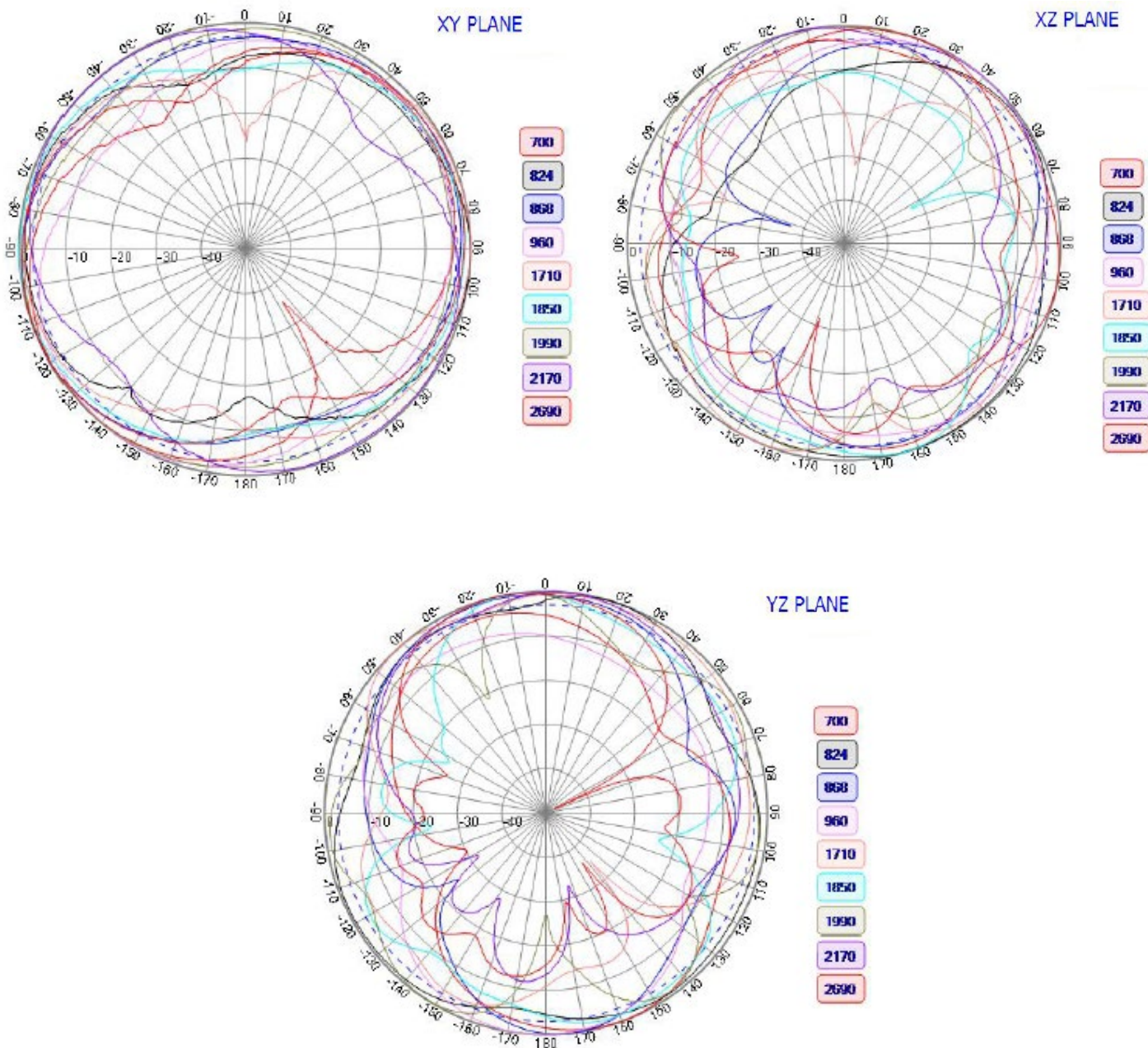
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Radiation Patterns

LTE Antenna



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WIFI Antenna

