2G/3G/4G LTE External Antenna

#### ROHS/REACH 9001:2015 CERTIFIED COMPLIANT ALOGEN FREE NIC Components Corp.

### Description

The NANE165X50XJC2C302A0F is a External antenna designed for dual-band 2G/3G/4G LTE applications. It operates within the frequency ranges of 698~960 MHz, 1710~2690 MHz, making it perfect for use in Cellular Communication, Gateways, and Meters.

#### Features

- 2G/3G/4G LTE Antenna •
- IP66 Waterproof
- Low profile ٠
- ٠ **RoHs Complaint**

#### Part Number Breakdown

<u>NANE 165X50 X J</u> A0 302 F RoHS Compliant Cable & Connector Format Codes Cable Length (mm) Cabled Antenna Number of Frequency Bands Protocol Code Internal Production Code Shape Option Dimensions Series

### Part Number Options

Part Number	Description	Protocol	Connector	Cable Type	Cable Length
NANE165X50XJC2C302A0F	Standard Part Number	Cellular	SMA MALE	RF174	3000 mm
NANE165X50XJC2C302A1F	Adhesive Option	Cellular	SMA MALE	RF174	3000 mm

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

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### **Specifications**

Electrical		
Frequency Range	698~960MHz 1710~2690MHz	
Gain	2.0 dBi	
VSWR	< 3.0	
Polarization	Linear	
Impedance	50 Ω	
Radome Material	ASA	
Mounting Method	Screw	
Environmental		
Operating Temperature	-40°C~+85°C	
Relative Humidity	Up to 95%	
Ingress Protection	IP66	
Vibration	10 to 55Hz with 1.5mm amplitude 2hours	
ROHS Compliant	Yes	

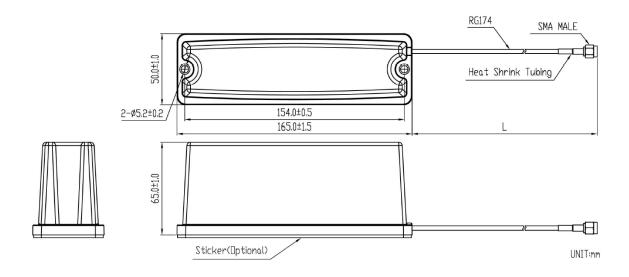
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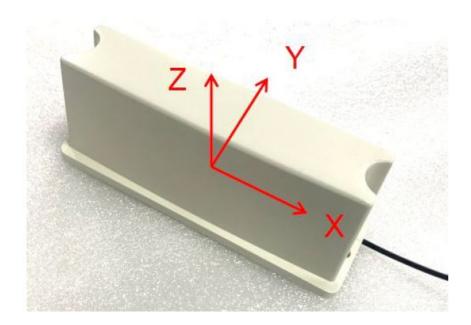
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### **Dimension Drawing**



### **Radiation Patterns**



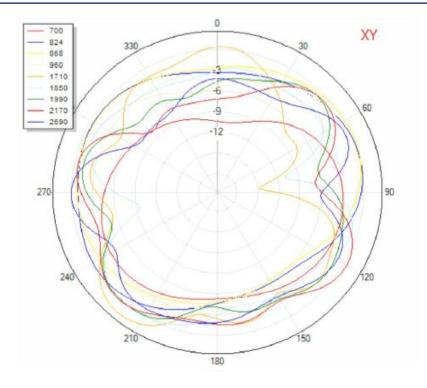
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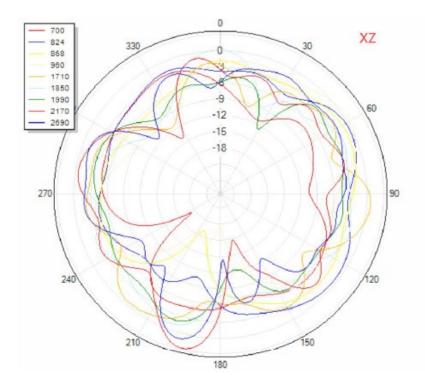
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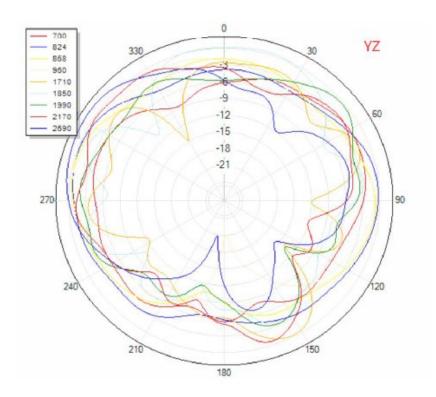
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