

NANE81X15PJW2C302A0F

2400 & 4900 MHz WIFI External Antenna



Description

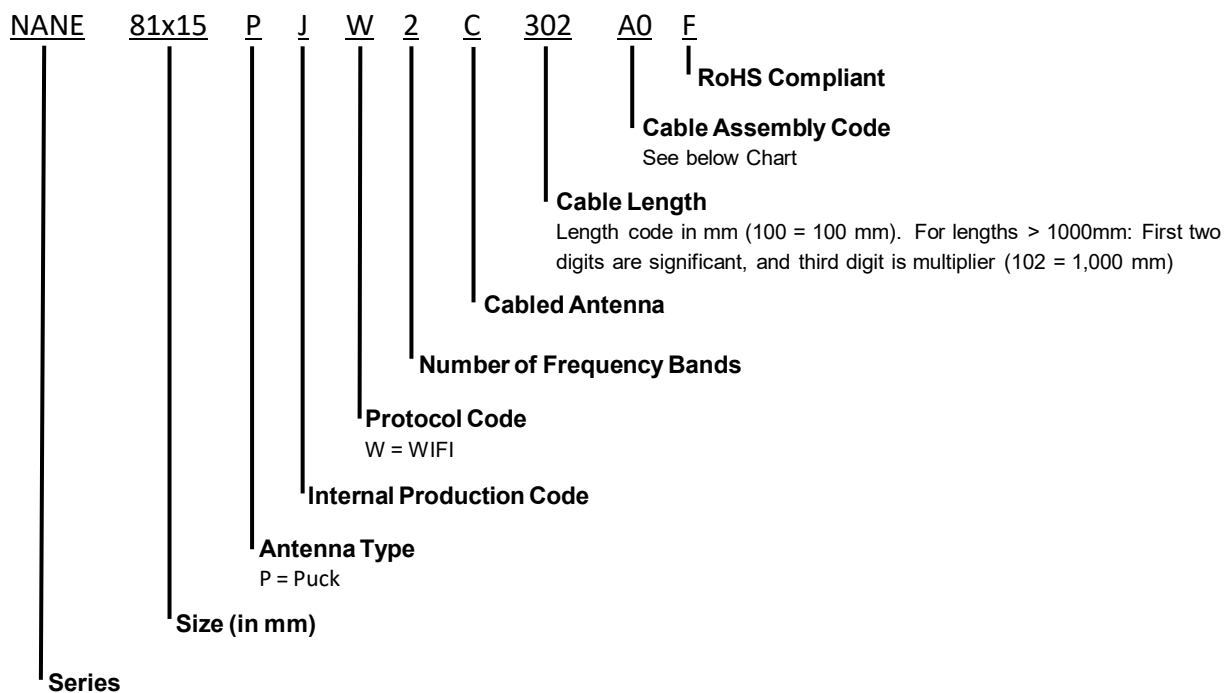
NANE81X15PJW2C302A0F is an external active antenna designed for dual-band WIFI applications. It operates within the frequency ranges of 2400 ~2483.5 MHz and 4900 ~ 5825 MHz, making it perfect for use in Routers, Gateways, and Meters.

Features

- 2.4 & 4.9 GHz WIFI Protocols
- Customizable Cable and Connector Options
- IP67 Rating
- RoHS Complaint



Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE81X15PJW2C302A0F	WIFI	SMA MALE	LMR100	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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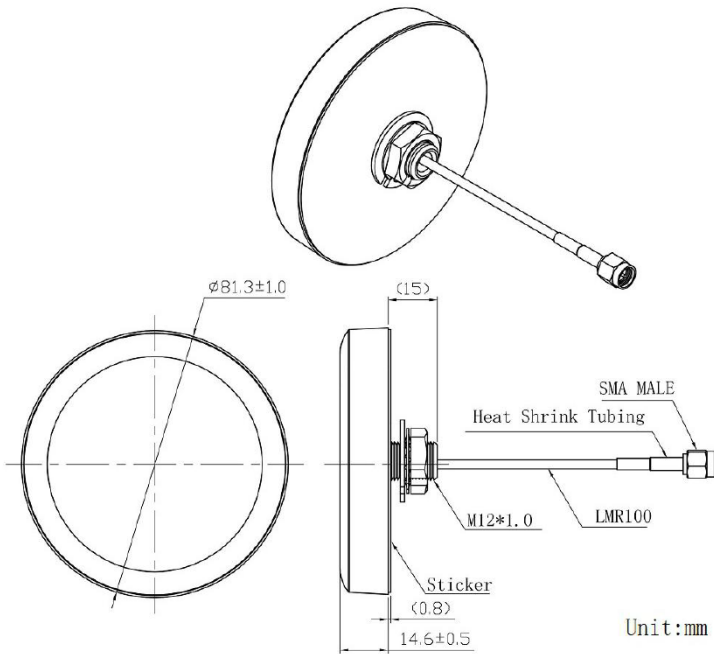
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Specifications

Electrical	
Frequency Range	2400~2483.5 MHz 4900~5825 MHz
Gain	3 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 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hrs
Radome Material	ABS
Mounting Method	Screw
ROHS Compliant	Yes

Dimensions



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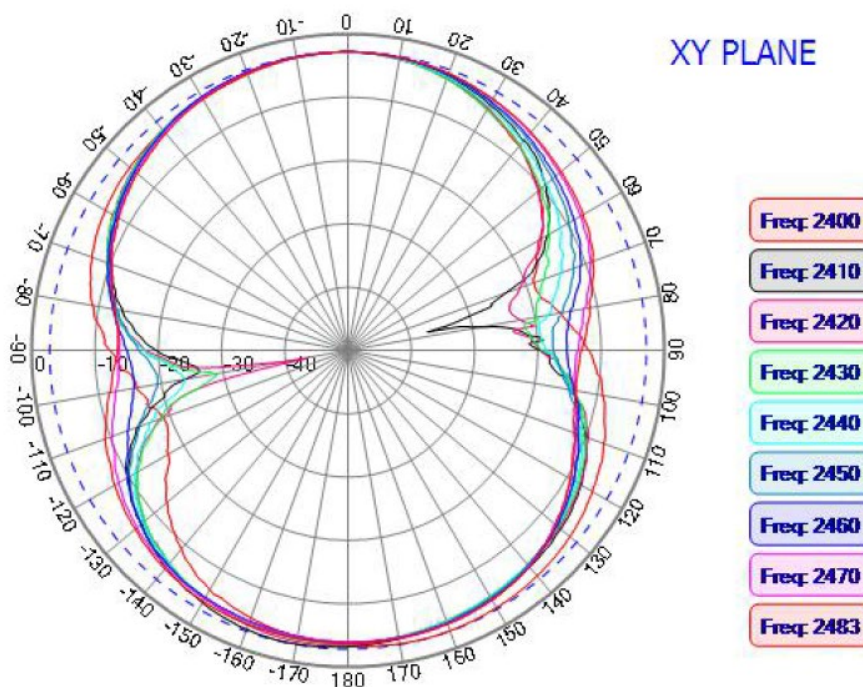
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Radiation Patterns

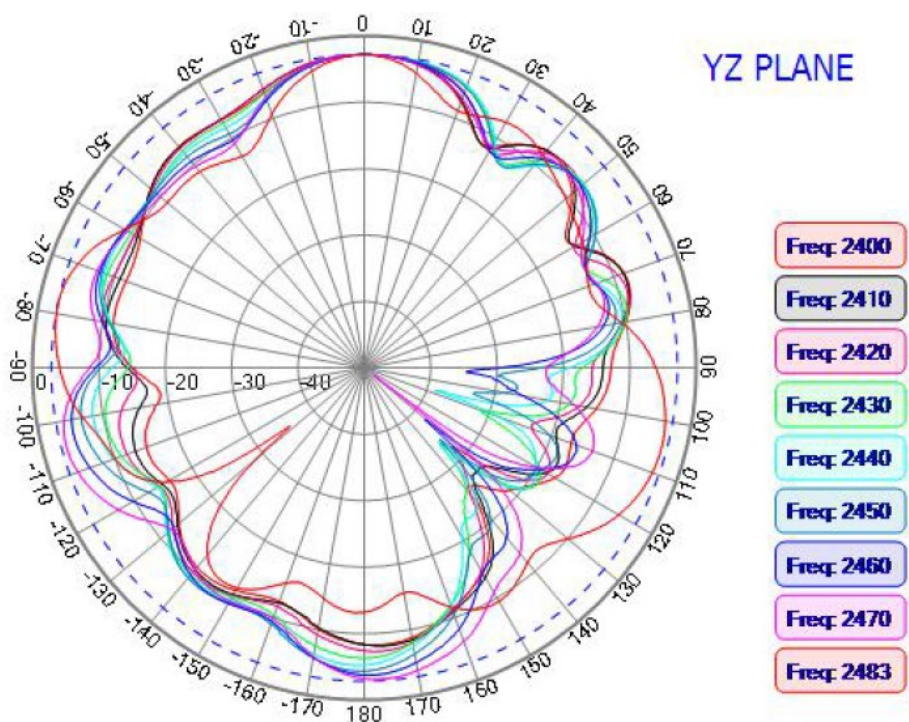
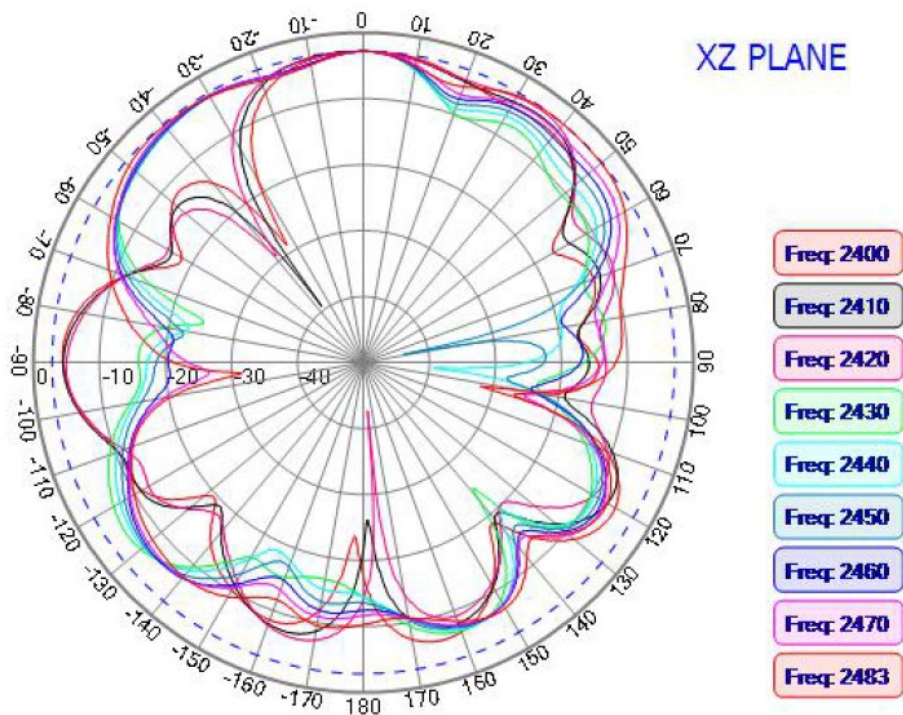


2400 ~ 2483 MHz



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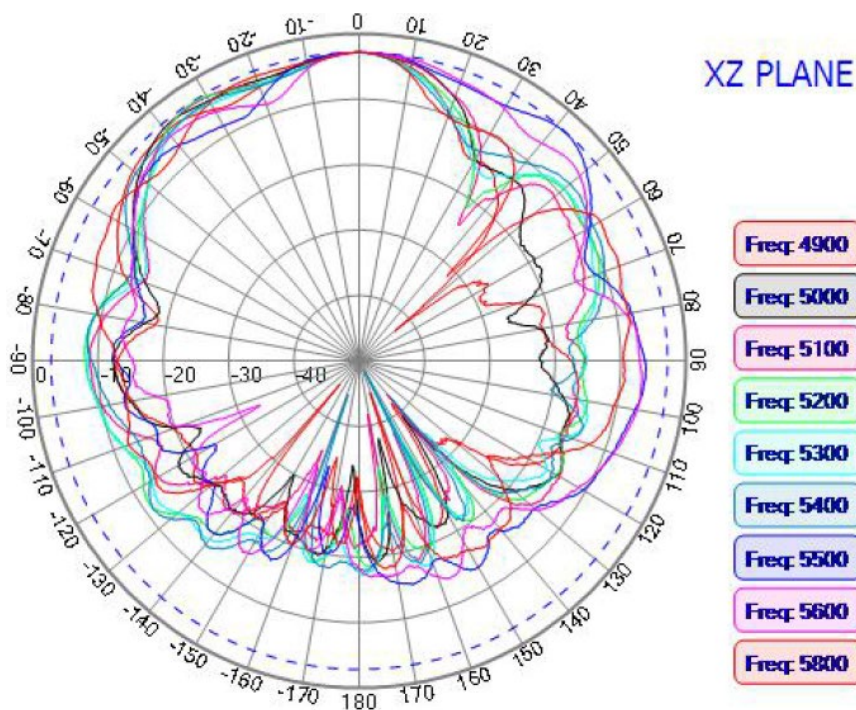
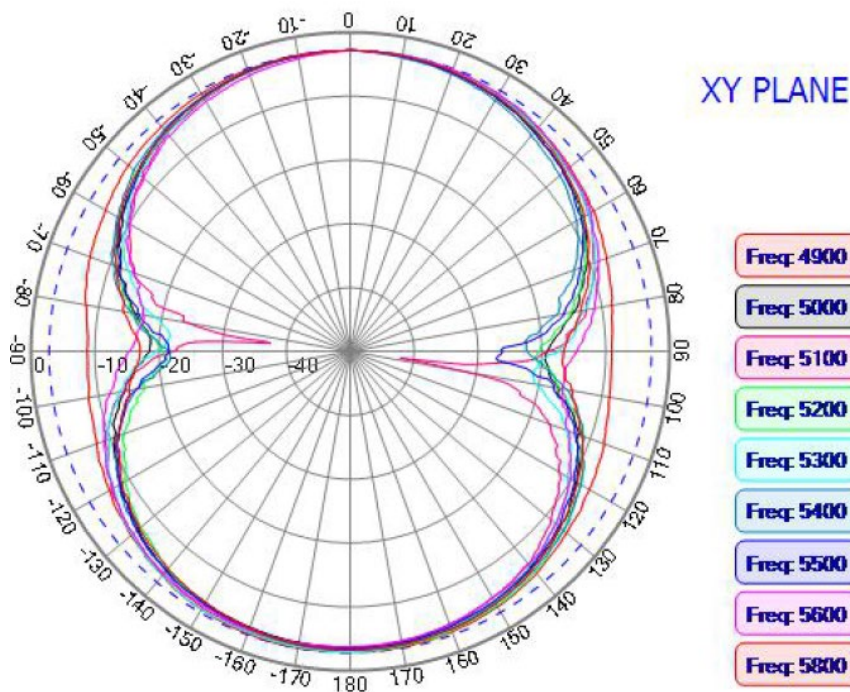


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4900 ~ 5800 MHz



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