

NANE50X50PJW2CF

2400 & 4900 MHz WIFI External Antenna



Description

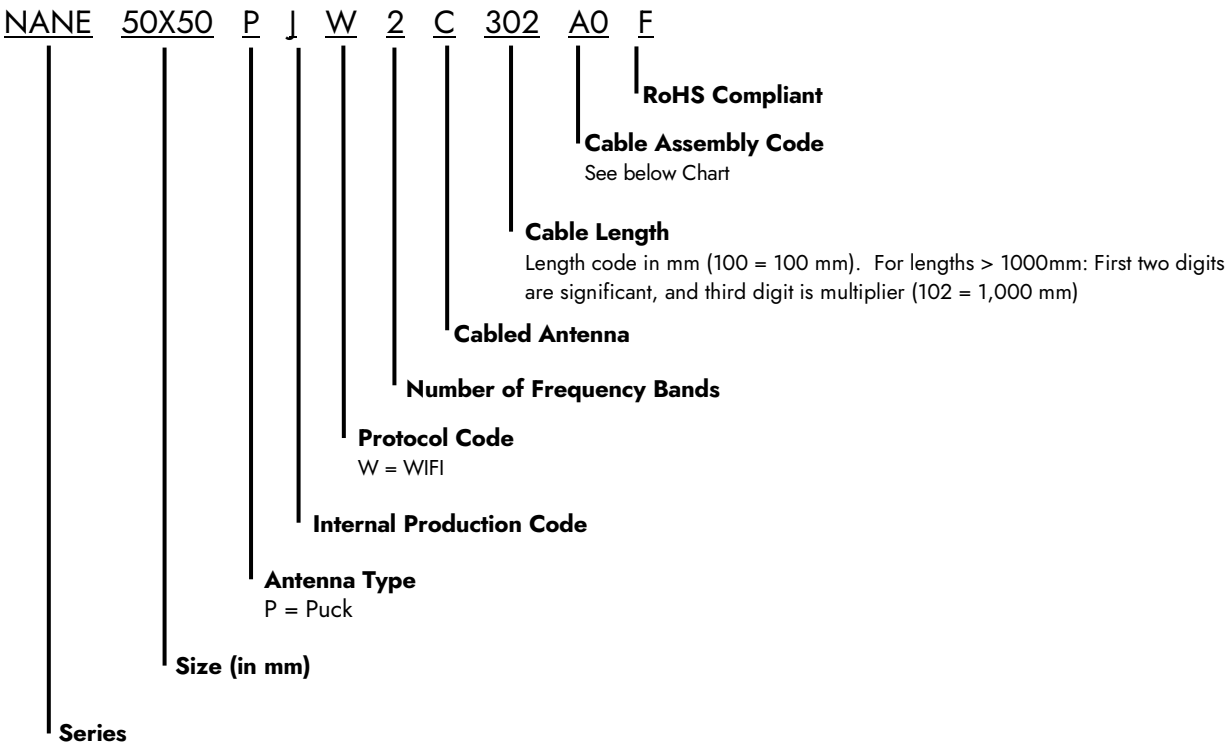
The NANE50X50PJW2CF is the base part number for an external active antenna designed for dual-band WIFI applications. It operates within the frequency ranges of 2400~2483.5 MHz and 4900~5825 MHz, making it perfect for use in Routers, Gateways, and Meters.



Features

- 2.4 & 4.9 GHz WIFI Protocols
- Customizable Cable and Connector Options
- IP66 Waterproof Rating
- RoHs Complaint

Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE50X50PJW2C302A0F	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

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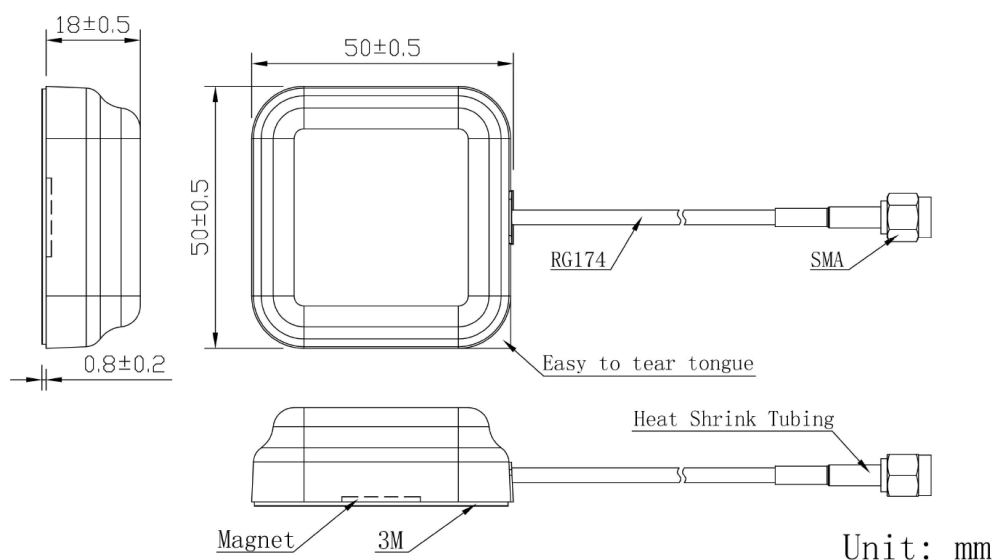
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Specifications

Electrical		
Frequency Range	2400~2483.5 MHz	4900~5925 MHz
Polarization	Linear	
Gain	3 dBi typ.	
V.S.W.R	< 2.0	
Impedance	50Ω	
Radome Material	ABS	
Mounting Method	Magnet / Adhesive	
Environmental		
Operating Temperature -	-40°C~+85°C	
Relative Humidity	Up to 95%	
Ingress Protection	IP66	
Vibration	10 to 55Hz with 1.5mm amplitude 2hrs	
ROHS Compliant	Yes	

Dimensions

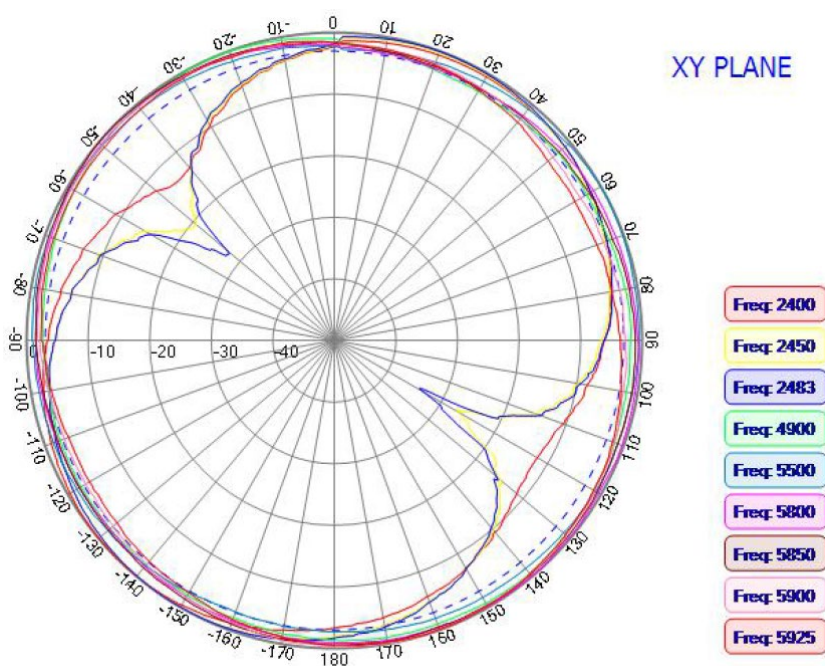


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Radiation Patterns

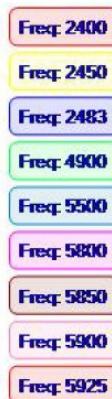
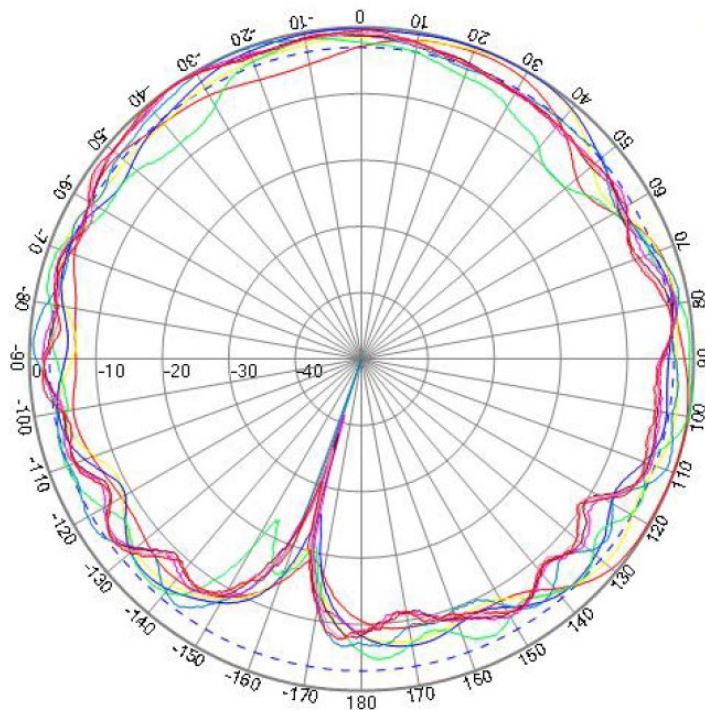


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XZ PLANE



YZ PLANE

