

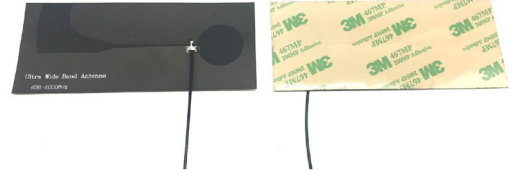
# NANF120X50AJU3R349G1F

698 ~ 6000 MHz UWB FPC Antenna



## Description

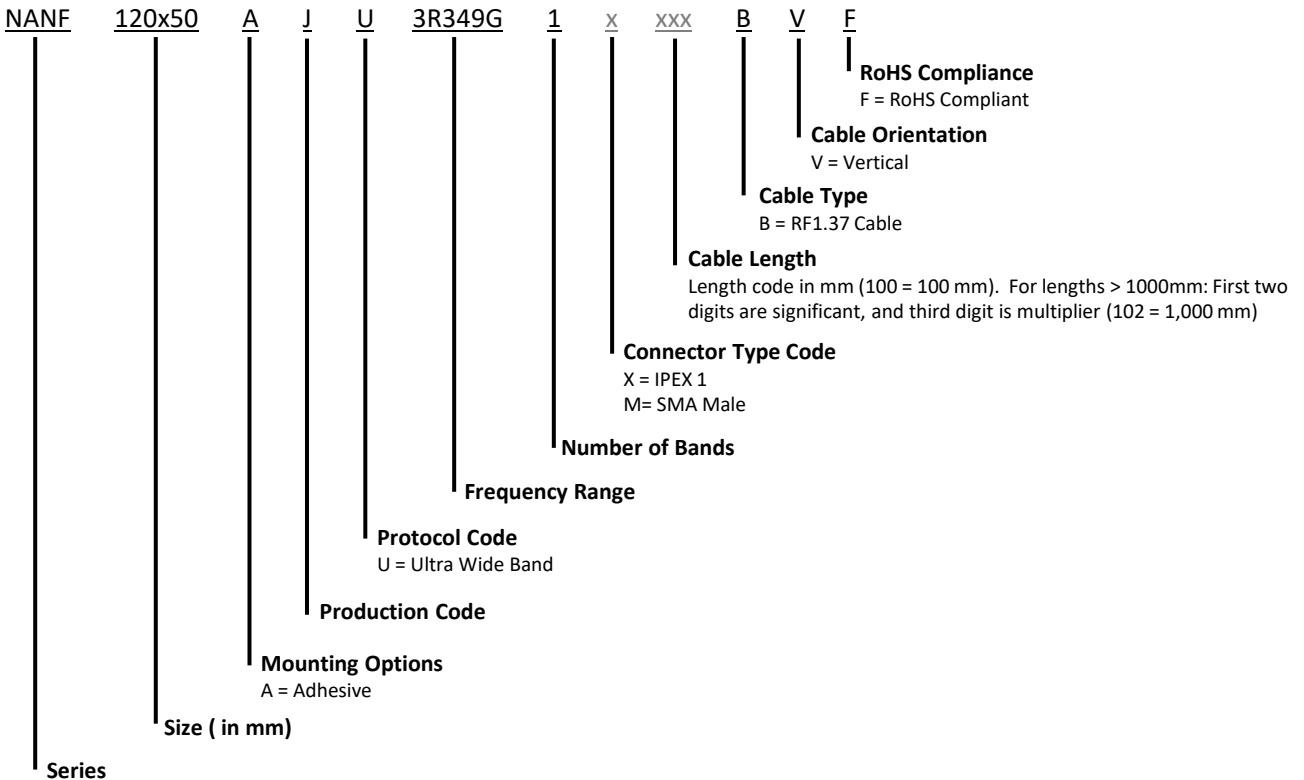
NANF120X50AJU3R349G1F is the base part number for a Flexible PCB Antenna designed for UWB applications. It operates within the frequency ranges of 698 ~ 6000 MHz making it perfect for use in Gateways, Smart Meters 2G/3G/4G/5G Application and Cellular Communication



## Features

- 698 ~ 6000 MHz Ultra-Wide Band
- Customizable Cable length and type
- Flexible Type Board
- RoHS Compliant

## Part Number Breakdown



## Standard Part Number Breakdowns

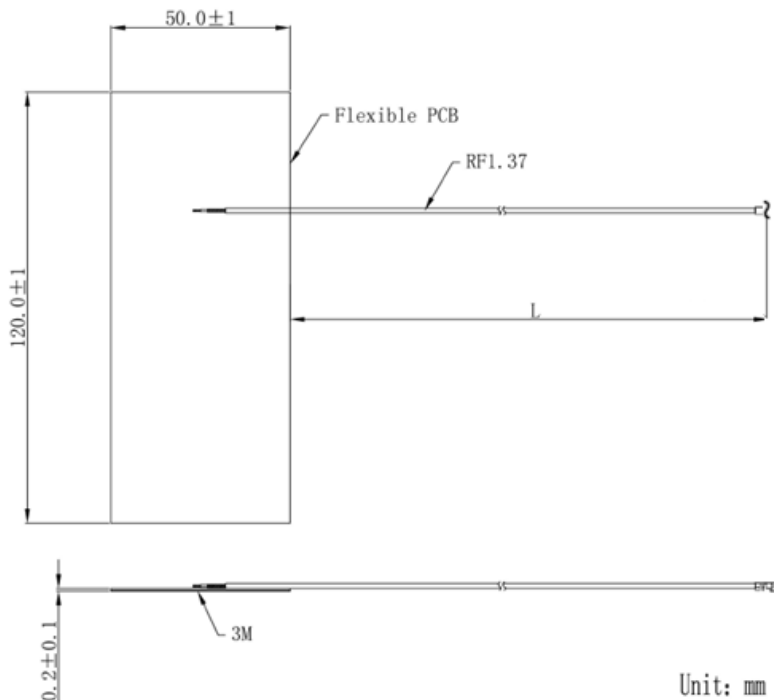
Part Numbers	Connector Type	Cable Length	Cable Type
NANF120X50AJU3R349G1X100BVF	IPEX I	100 mm	RF1.37
NANF120X50AJU3R349G1M150BVF	SMA Male	150 mm	RF1.37

The table represents assembled part numbers available on [www.niccomp.com](http://www.niccomp.com) from standard connector and cable options. For options not listed above please contact NIC"

### Specifications

Electrical	
Frequency Range	698 ~ 6000 MHz
Gain (typ.)	5.0 dBi
V.S.W.R	< 2.0
Polarization	Linear
Impedance	50Ω
Environmental	
Operating Temperature	-40°C~+85°C
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
RoHs Compliant	Yes

### Dimension Drawing

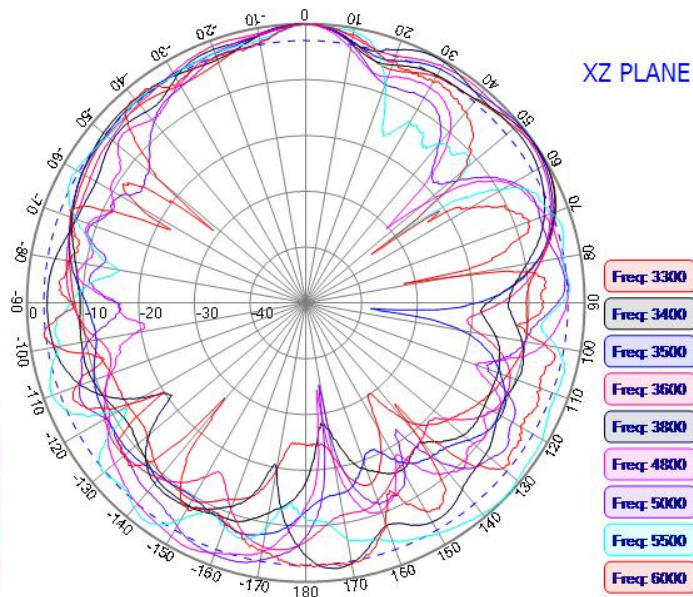
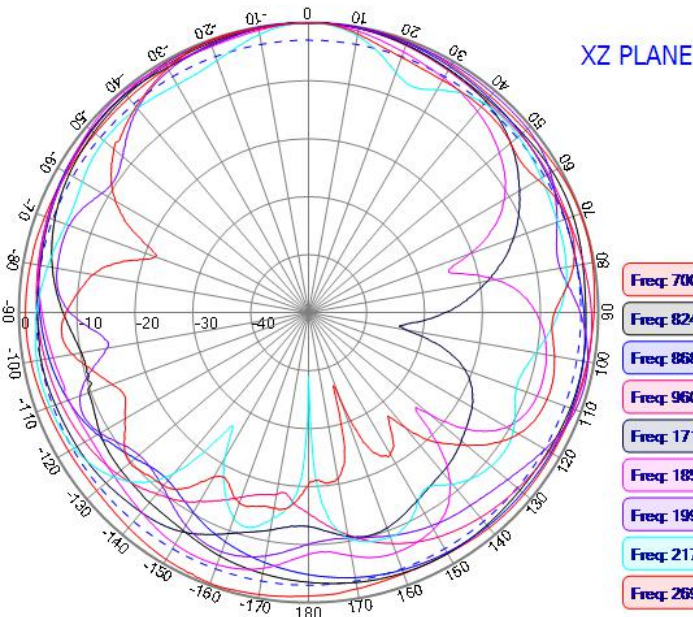
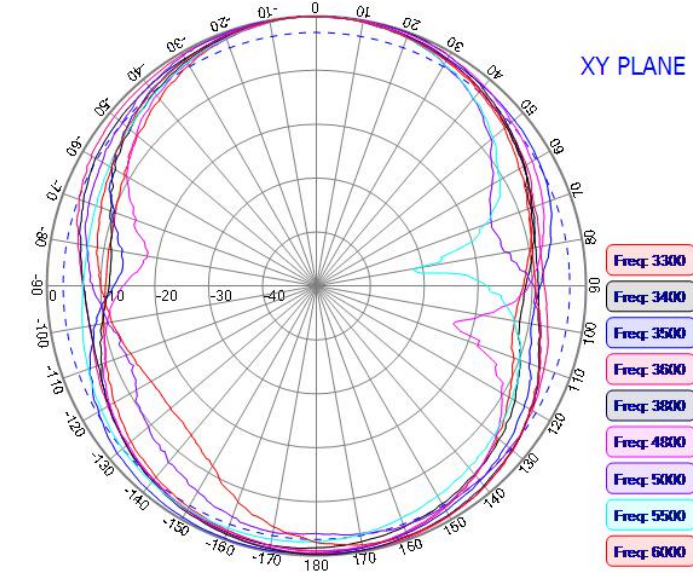
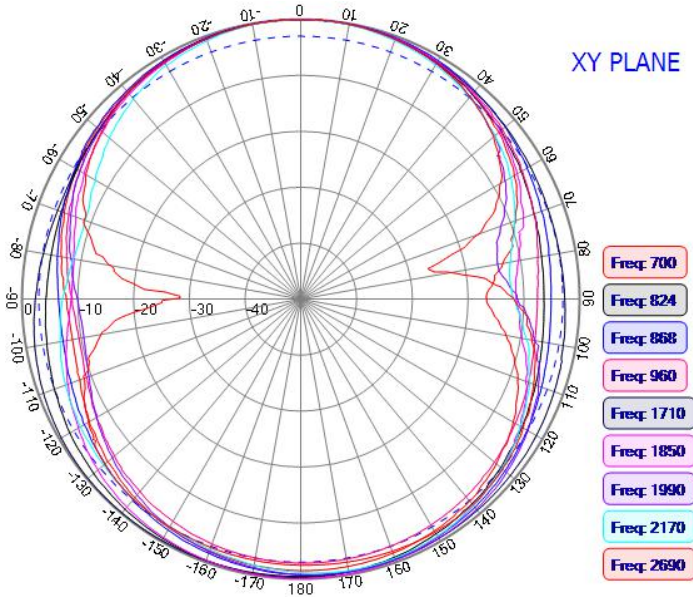


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## Radiation Patterns:



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