

NANF35X7AMS915M1HF

915 MHz ISM FPC Antenna



Description

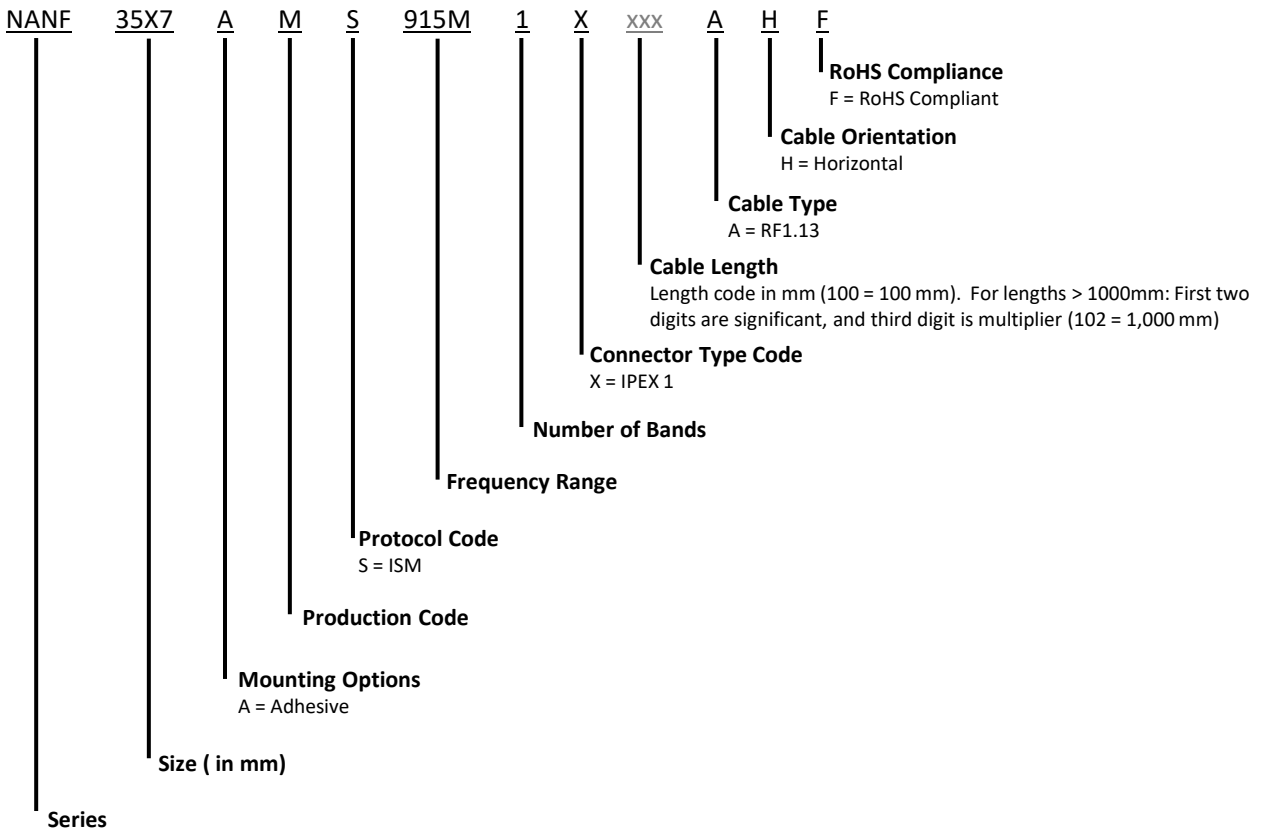
NANF35X7AMS915M1HF is the base part number for a Flexible PCB Antenna designed for ISM applications. It operates within the frequency ranges of 902 ~ 928 MHz making it perfect for use in Routers, Gateways, Smart Meters and Communication

Features

- 915 MHz ISM Protocols
- Stable and Reliable Performance
- Customizable Cable and Connector
- RoHS & REACH Compliant



Part Number Breakdown:



Standard Part Number Listing

Part Number	Connector	Cable Length	Cable Type	Cable Orientation
NANF35X7AMS915M1X35AHF	IPEX I	35 mm	RF1.13	Horizontal
NANF35X7AMS915M1X500AHF	IPEX I	500 mm	RF1.13	Horizontal

The table represents assembled part numbers available on www.niccomp.com from standard connector and cable options. For options not listed above please contact NIC"

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Specifications

Electrical	
Frequency Range	902 ~ 928 MHz
V.S.W.R	≤ 2.5
Radiation	Omni
Polarization	Linear
Impedance	50Ω
Environmental	
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
RoHS Complaint	Yes

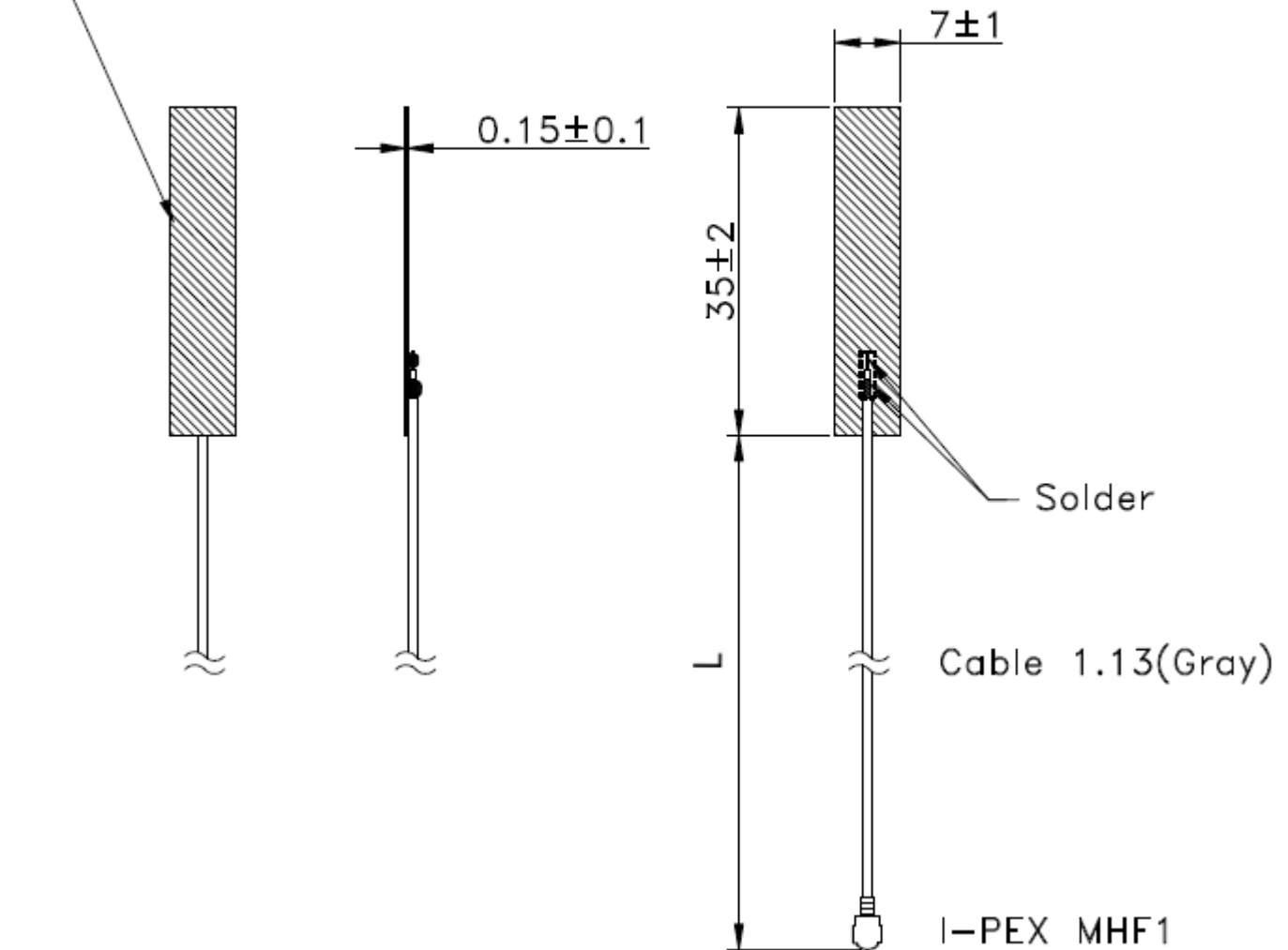
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Dimension Drawing

Double Side Tape

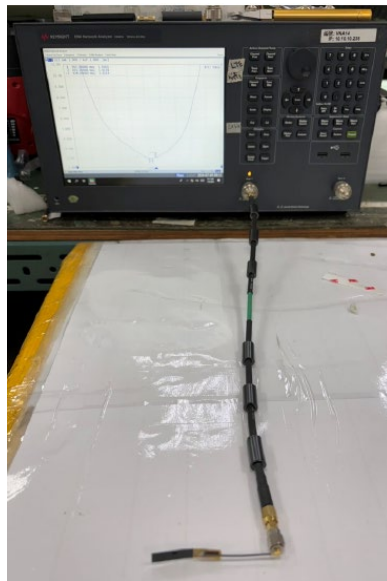
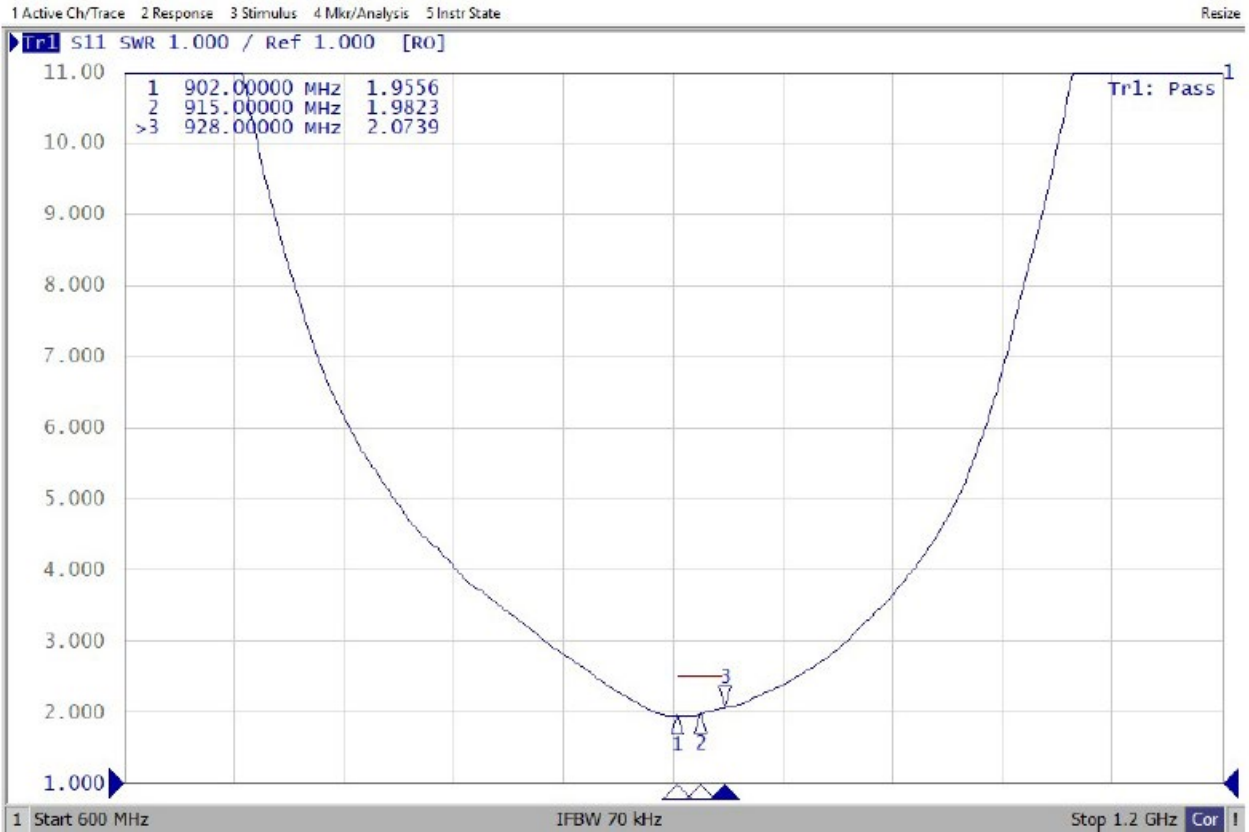


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VSWR



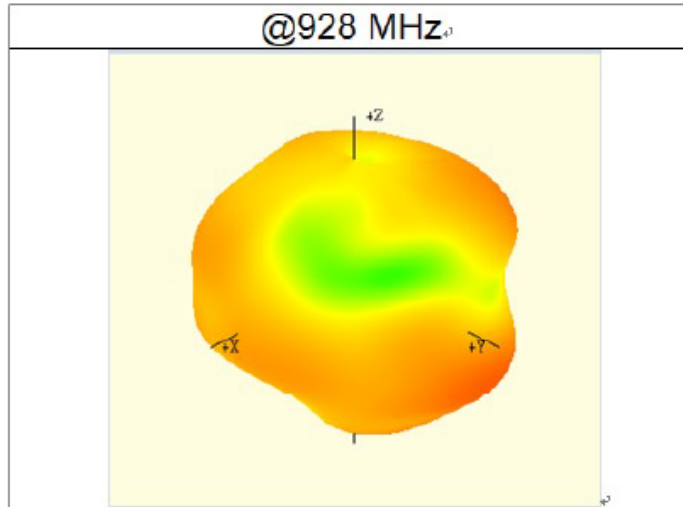
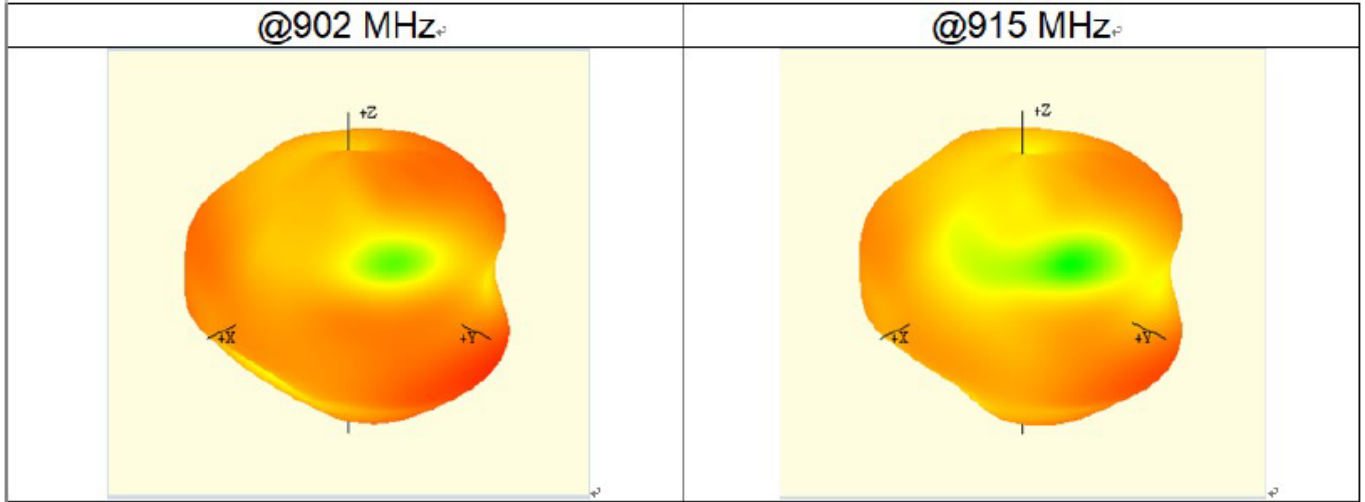
Performance Passives By Design

NIC Components Corp.
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www.niccomp.com

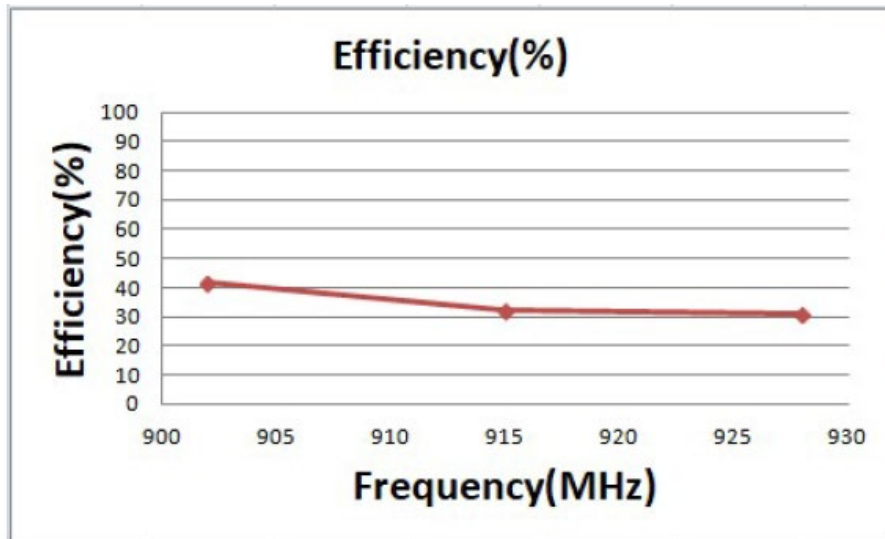
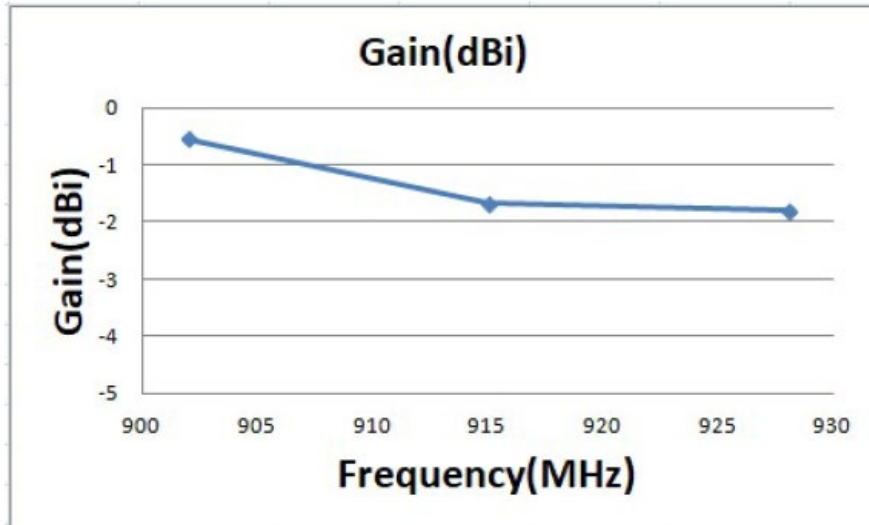
Last Updated 8/19/2024. Specification subject to change without notice. Please check web site or contact NIC for latest information

Radiation Patterns





Gain & Efficiency



Frequency	902 MHz	915 MHz	928 MHz
Gain	-0.55 dBi	-1.67 dBi	-1.80 dBi
Efficiency	41.6%	32.6%	31.3%