

NANE46X14PJC2CF

698 & 1710 MHz LTE External Antenna



Description

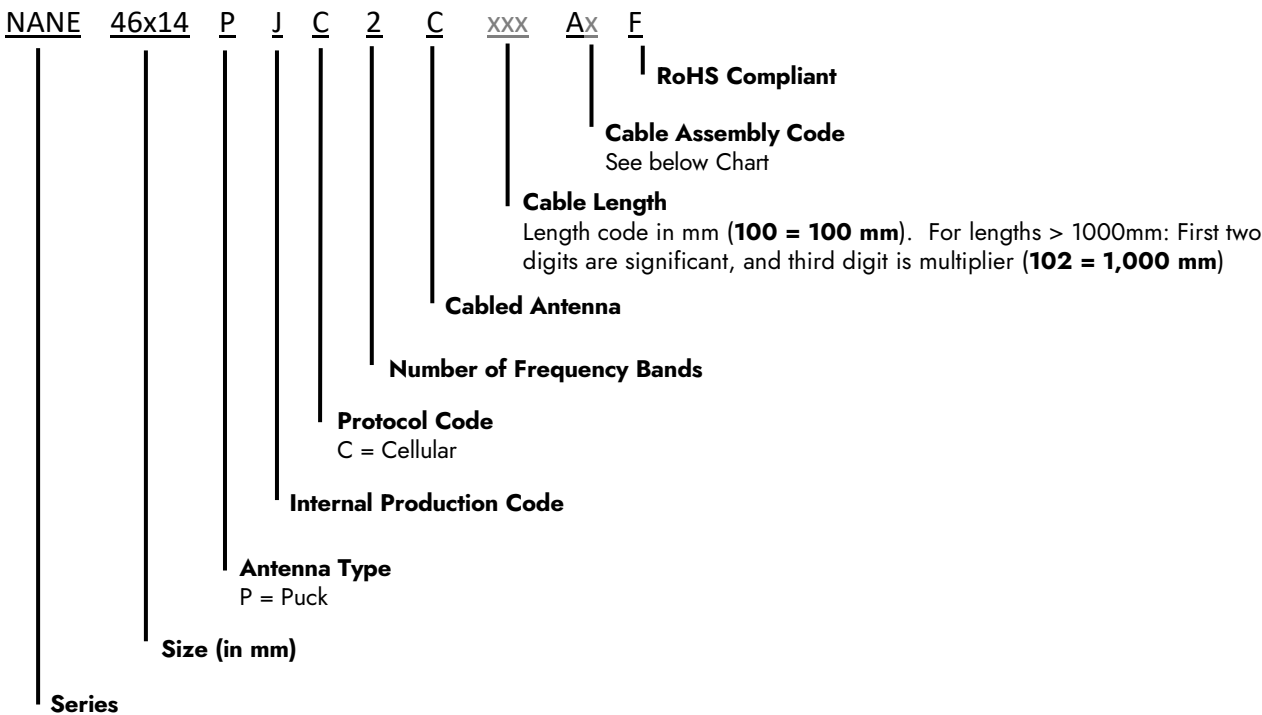
The NANE46X14PJC2CF is an External Antenna designed for LTE applications. It operates within the frequency ranges of 698 ~ 960 MHz and 1710 ~ 2690 MHz making it perfect for cellular communication, 4G LTE coverage and ISM bands.

Features

- LTE 698 & 1710 MHz Protocols
- Customizable Cable and Connector Options
- IP65 ~ IP67 Waterproof Rating
- RoHS Compliant



Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANE46X14PJC2C302A0F	Cellular	SMA MALE	RG174	3000 mm
NANE46X14PJC2C600A0F	Cellular	SMA MALE	RG174	600 mm
NANE46X14PJC2C500A1F	Cellular	IPEX I	RF1.37	500 mm
NANE46X14PJC2C302A2F	Cellular	TNC FEMALE	RG174	3000 mm
NANE46X14PJC2C102A2F	Cellular	TNC FEMALE	RG174	1000 mm

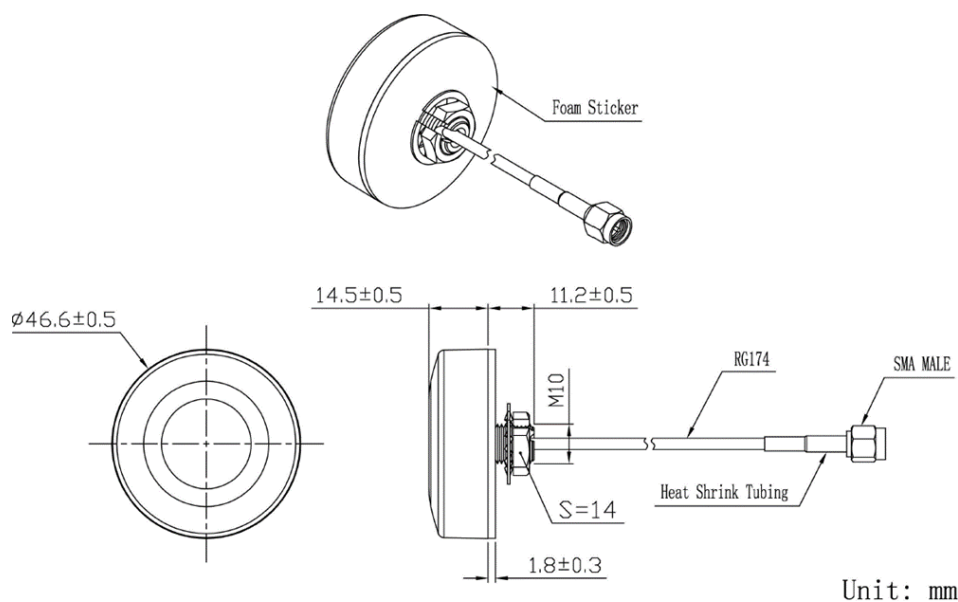
The table represents assembled part numbers available on www.niccomp.com. For options not listed above please contact NIC

Performance Passives By Design

Specifications

Electrical	
Frequency Range	698 ~ 960 MHz 1710 ~ 2690 MHz
Gain	2.5 ~ 3 dBi
V.S.W.R	< 3.0
Polarization	Linear
Impedance	50Ω
Environmental	
Operating Temperature -	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP65 ~ IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Radome Material	ABS
RoHs Compliant	Yes

Dimensions



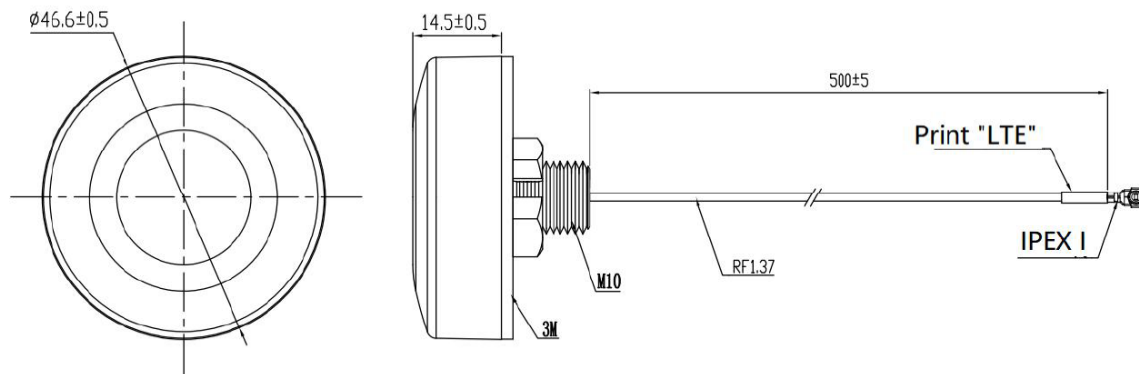
NANE46X14PJC2C302A0F Dimensional Drawing

NANE46X14PJC2CF

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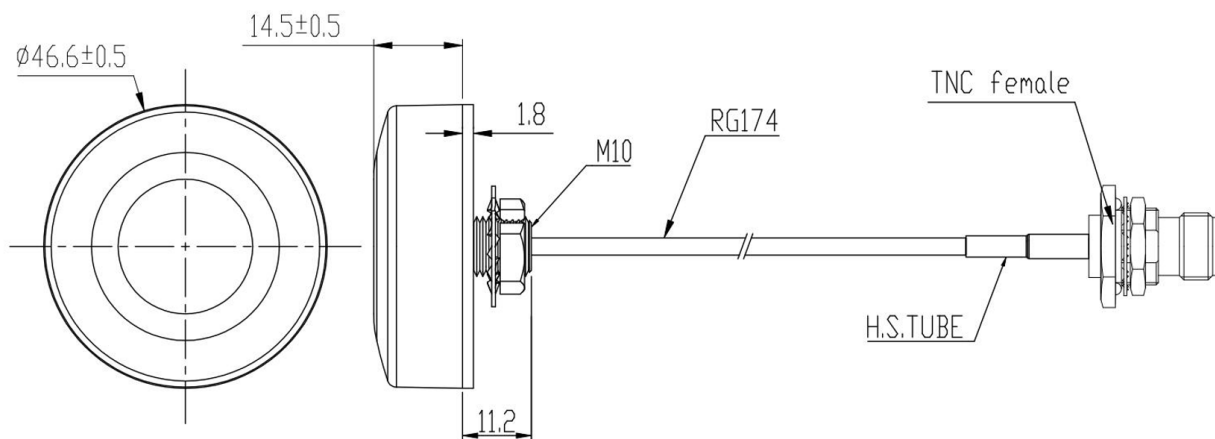


Dimensions



Unit: mm

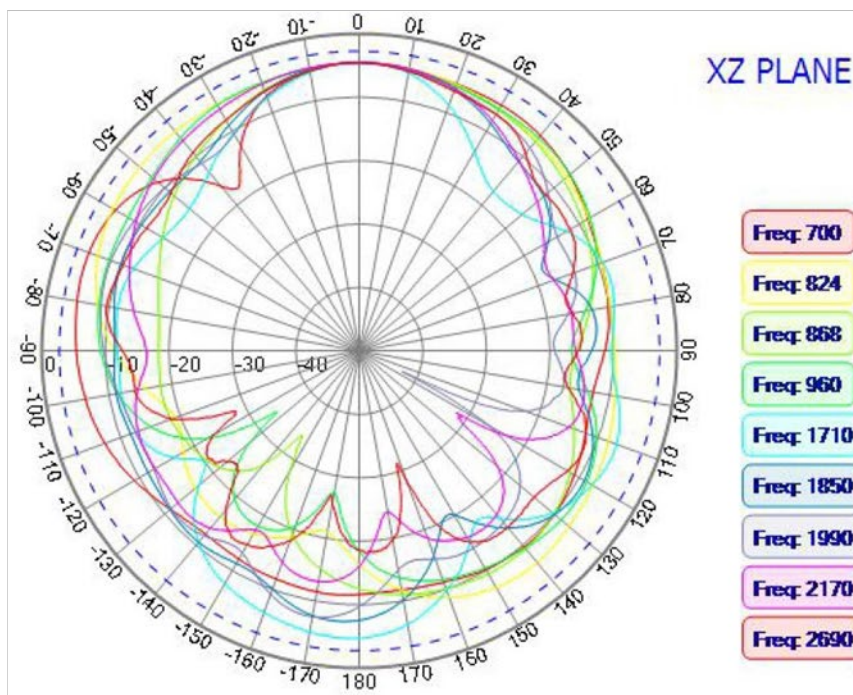
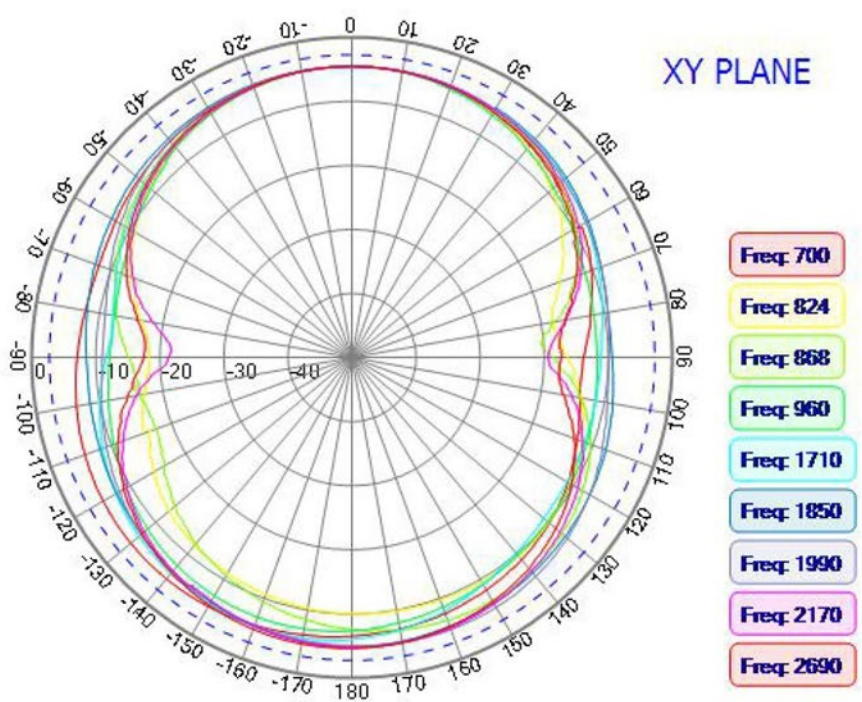
NANE46X14PJC2C500A1F Dimensional Drawing



Unit: mm

NANE46X14PJC2CxxxA2F Dimensional Drawing

Radiation Patterns



NANE46X14PJC2CF

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Radiation Patterns continued...

