

NANEA46X14PJG1C102A1F

GNSS L1 Active External Antenna



Description

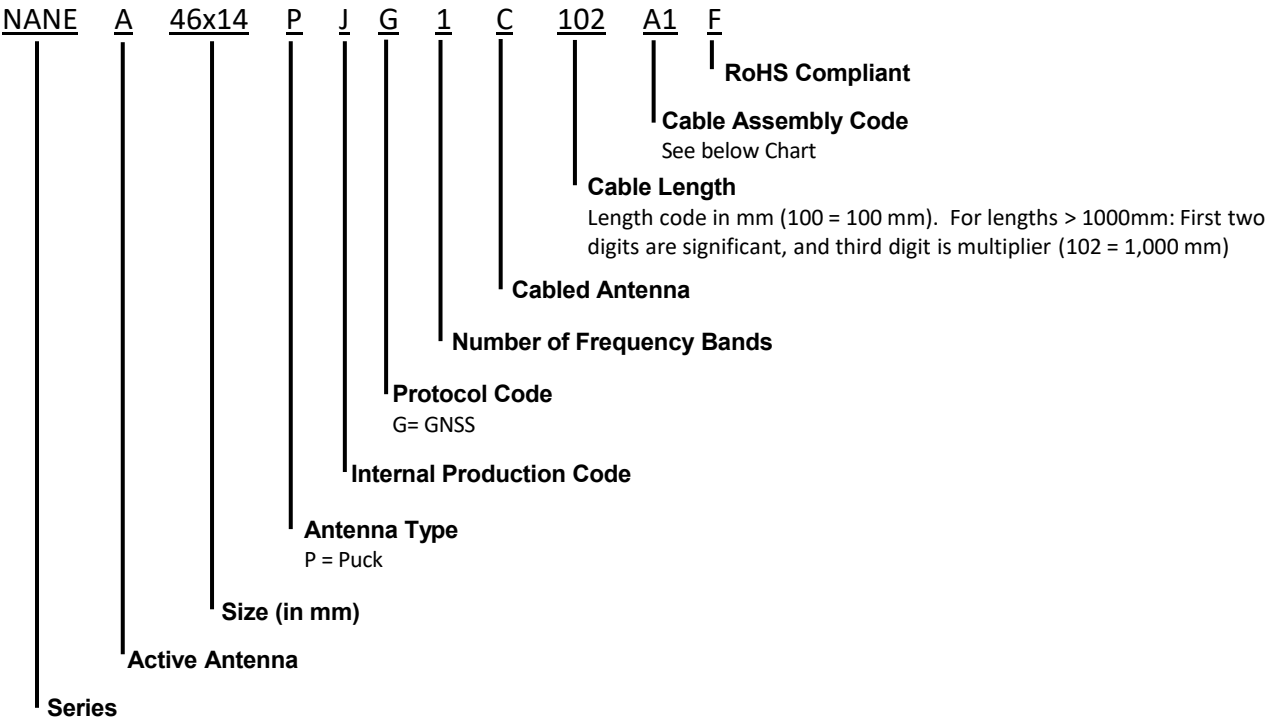
The NANEA46X14PJG1C102A1F is an External Active Antenna designed for GNSS L1 applications. It operates within the frequency ranges of 1561.098 ~ 1602MHz making it perfect for Fleet Management & Tracking.

Features

- GPS + GLONASS Protocol
- Waterproof Rating (IP65~IP67)
- Customizable Cable & Connectors
- RoHS Compliant



Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector Type	Cable Type	Cable Length
NANEA46X14PJG1C102A1F	GNSS L1	TNC Female	RG174	1000 mm

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”

Specifications

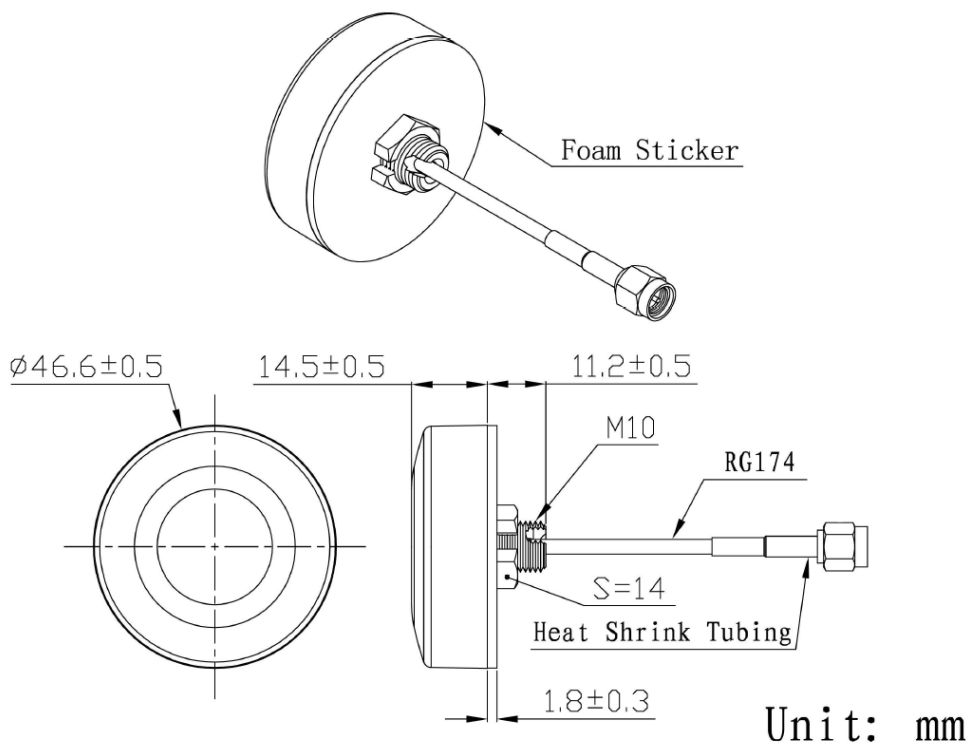
Electrical	
Frequency Range	1575 ~ 1602 MHz
Bandwidth	CF $\pm$ 5 MHz
Gain	2 dBic (Zenith)
V.S.W.R	< 1.5
Axial Ratio	3 dB (max)
Polarization	RHCP
Impedance	50 Ω
Internal Patch Antenna	25 x 25 x 4mm
LNA	
Gain	28 $\pm$ 2dB
Noise Figure	< 1.5 dB
Supply Voltage	2.2 ~ 5V DC
Current Consumption	< 15mA
V.S.W.R.	< 2.0
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP65 ~ IP67 (exclude cable outlet)
Vibration	10 ~ 55Hz with 1.5mm amplitude 2 Hours
Mounting Method	Screw
Radome Material	ABS
RoHS Compliant	Yes

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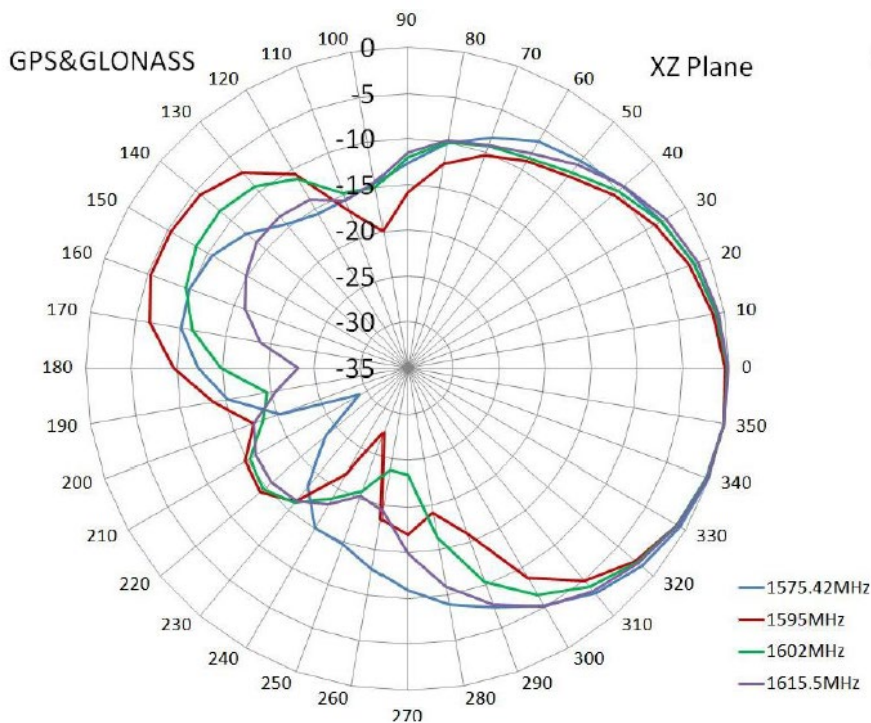
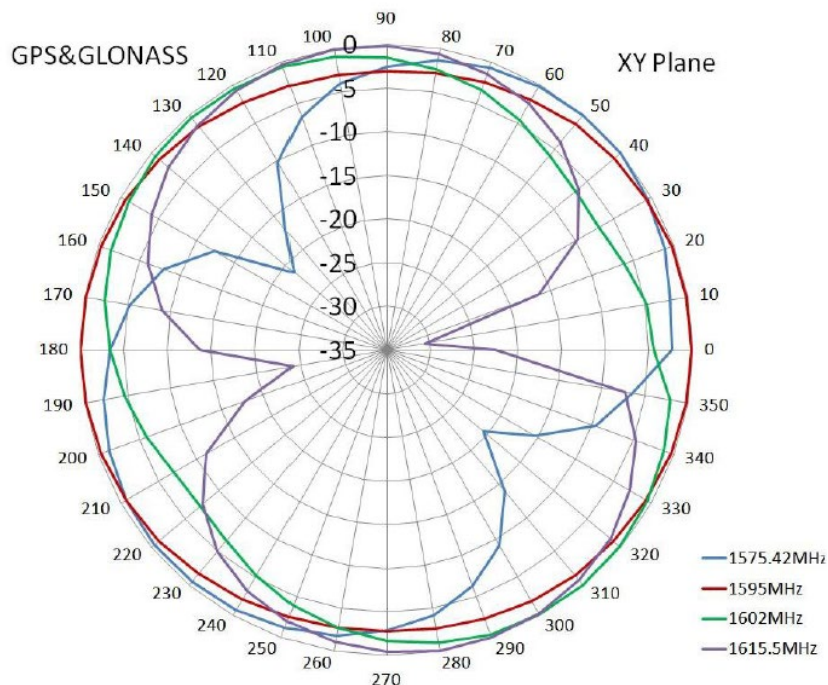
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Dimensions



RADIATION PATTERN



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