

NANEA37X34PJG1CF

GNSS L1 Active External Antenna



Description

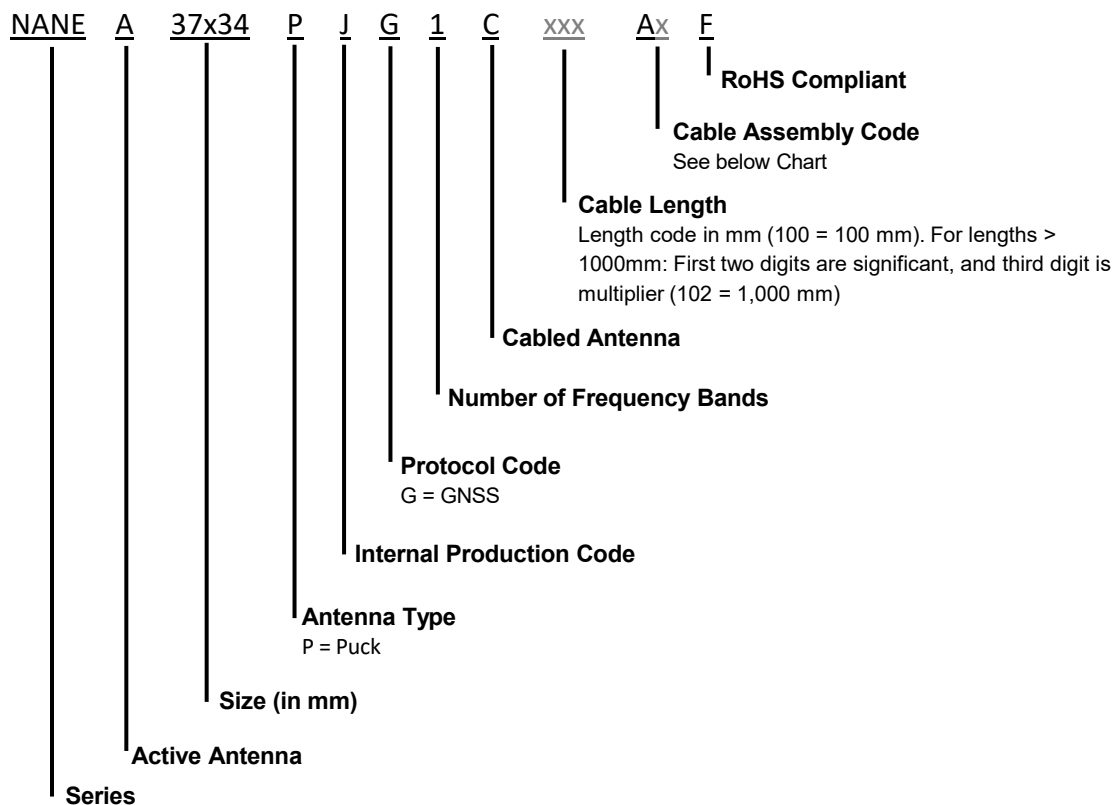
NANEA37X34PJG1CF is the base part number of an External Active Antenna designed for GNSS L1 applications. It operates within the frequency range of 1575.42 MHz, making it perfect for use in Tracking and Fleet management



Features

- GPS L1 Band
- Waterproof (IP67)
- RoHS Complaint

Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length
NANEA37X34PJG1C302A0F	GNSS L1	SMA Male	RG174	3000 mm
NANEA37X34PJG1C502A1F	GNSS L1	SMB Male	RG174	5000 mm

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

Specifications

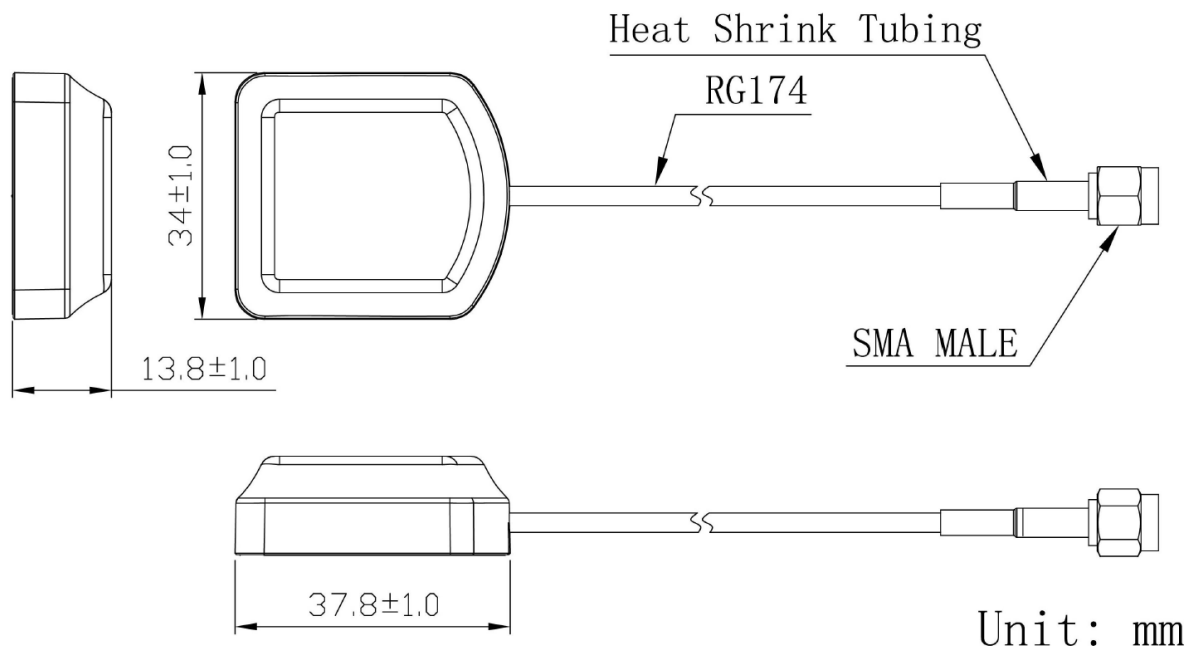
Electrical	
Frequency Range	1575.42 ± 3 MHz
Bandwidth	CF ± 5 MHz
Peak Gain	2 dBic (max.)
VSWR	< 1.5
Polarization	RHCP
Impedance	50 Ω
Internal Patch dimensions	20 x 20 x 4 mm
LNA	
Gain	28 ± 2dB
Noise Figure	≤ 2 dB
Supply Voltage	2.2 ~ 5V DC
Current Consumption	< 25 mA
V.S.W.R.	< 2.0
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Mounting Method	Magnet or Adhesive
Radome Material	ABS
ROHS Compliant	Yes

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Dimensions



Radiation Patterns

