

NANEA60X60PJG1CF

GNSS L1 Active External Antenna



Description

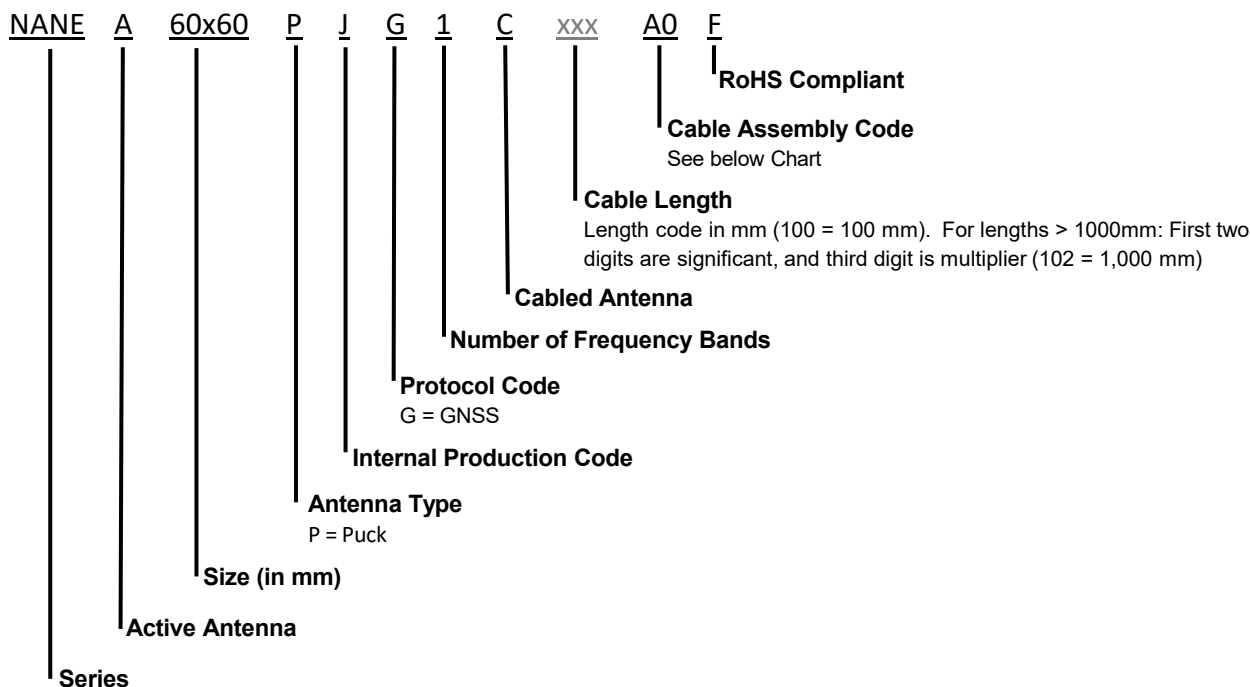
NANEA60X60PJG1CF is an External Active Antenna designed for GNSS L1 applications. It operates within the frequency ranges of 1561 ~1602 MHz making it perfect for Fleet Management & Tracking.

Features

- GNSS L1 Protocol
- Waterproof IP66 Rating
- Customizable Cable & Connectors
- RoHS Complaint



Part Number Breakdown



Part Number Options

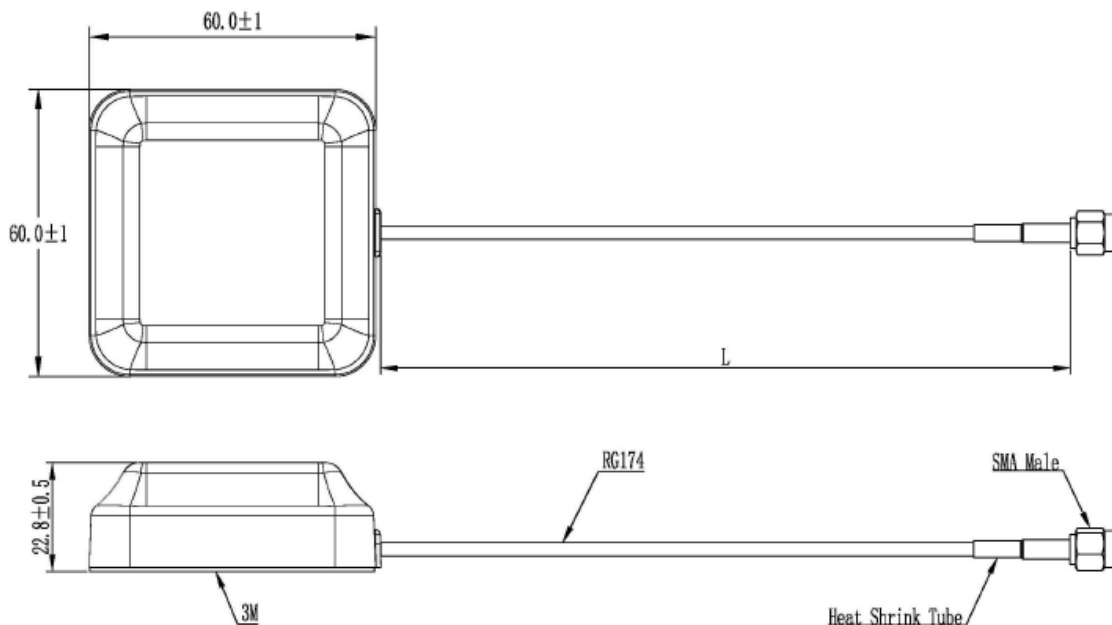
Part Number	Protocol	Connector	Cable Type	Cable Length
NANEA60X60PJG1C302A0F	GNSS L1	SMA Male	RG174	3000 mm
NANEA60X60PJG1C502A0F	GNSS L1	SMA Male	RG174	5000 mm

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

Specifications

Electrical	
Frequency Bands	GPS L1 GLONASS G1 COMPASS B1 Galileo E1/L1/E2
Frequency Range	1561 ~1602 MHz
Axial Ratio	≤ 3 dB
Peak Gain	≥ 5 dBic
VSWR	≤ 1.5
Horizontal Coverage Angle	360°
Polarization	RHCP
Impedance	50 Ω
LNA	
Gain	30 \pm 2dB
Noise Figure	≤ 1.5 dB
Passband Fluctuation	± 2 dB
Supply Voltage	3 ~ 5 V DC
Current Consumption	≤ 35 mA
V.S.W.R.	≤ 2.0
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Ingress Protection	IP66
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Radome Material	ABS
Mounting Method	Magnet / Adhesive
ROHS Compliant	Yes

Dimension Drawing



Unit: mm

Radiation Patterns

