



Descriptions

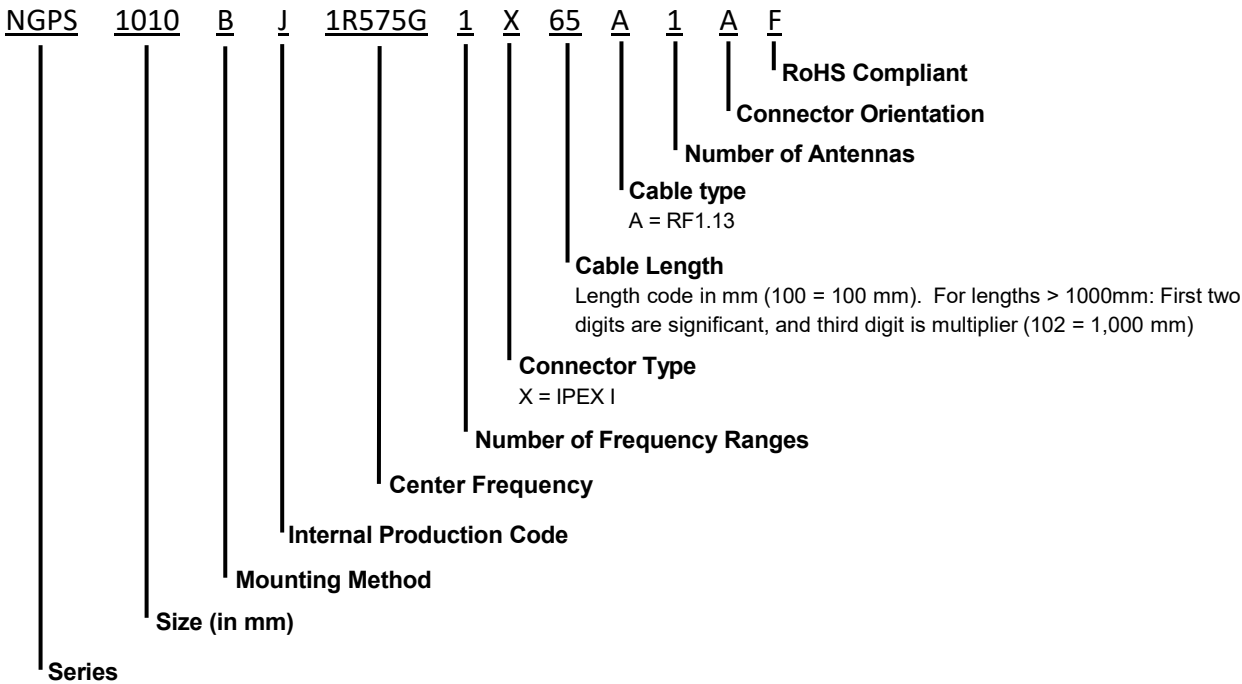
NGPS1010BJ1R575G1X65A1AF is a patch antenna designed specifically for GPS L1 applications. Operating at a frequency of 1575.42 MHz, this antenna is ideal for use in tracking and fleet management solutions.



Features

- Passive Patch Antenna
- Supports: GPS L1
- RoHS Compliant

Part Number Breakdown



Part Number Options

Part Number	Protocol	Connector	Cable Type	Cable Length	Connector Orientation
NGPS1010BJ1R575G1X65A1AF	GPS L1	IPEX 1	RF1.13	65 mm	A (See Pg. 3)

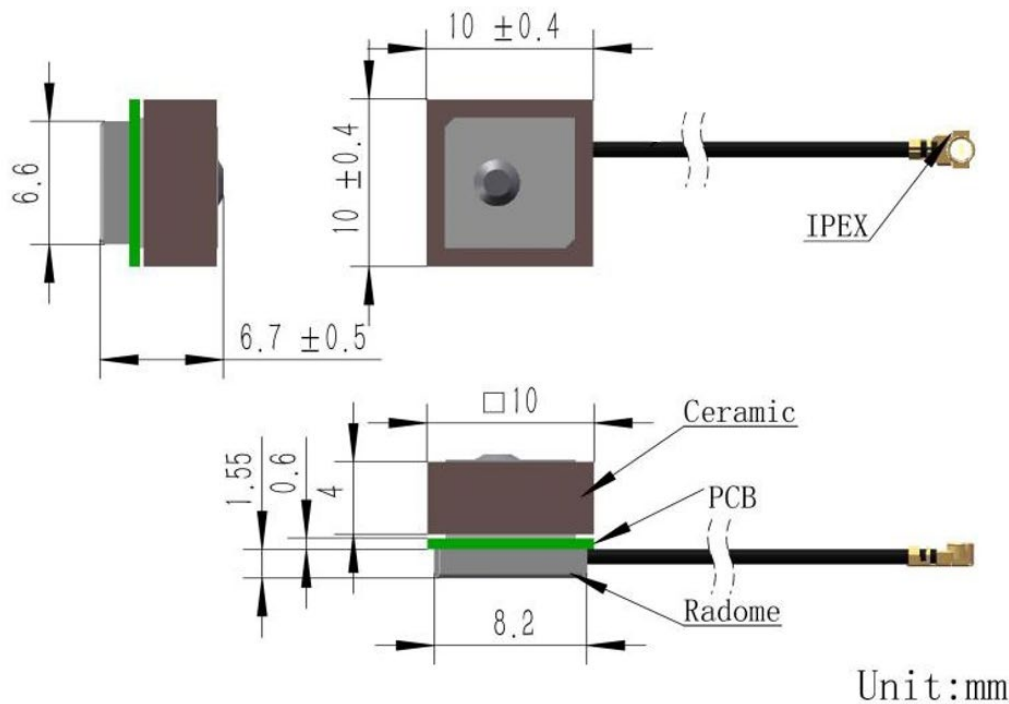
The table represents assembled part numbers available on www.niccomp.com. For options not listed above please contact NIC



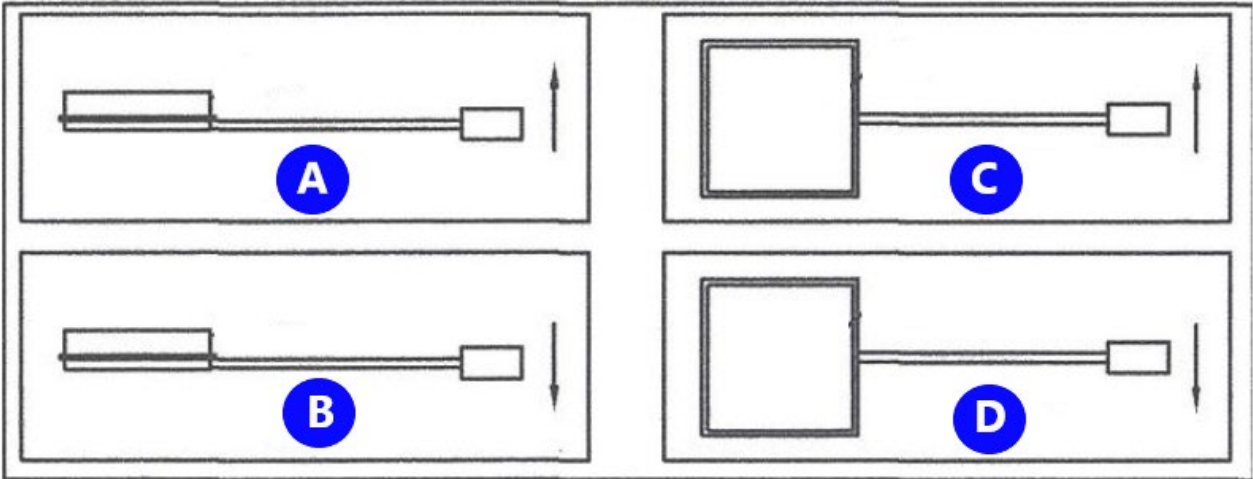
Electrical Specifications

Electrical	
Frequency Range	1575.42 ± 3 MHz
Bandwidth	CF ± 4 MHz
VSWR	< 1.5
Gain @ Zenith	1 dBic
Axial Ratio	5 dB (max)
Polarization	RHCP
Impedance	50Ω
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 75%
Vibration	10 ~ 55Hz 1.5mm Amplitude 2 Hours
PCB	10 mm x 10 mm x 4mm
RoHS Compliant	Yes

Dimensions



Connector Orientation





Radiation Patterns

