

NGPSA1818BJ1R575G1X100A1F

GPS/GLONASS Active Patch Antenna

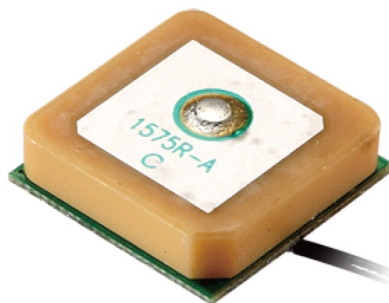


Applications

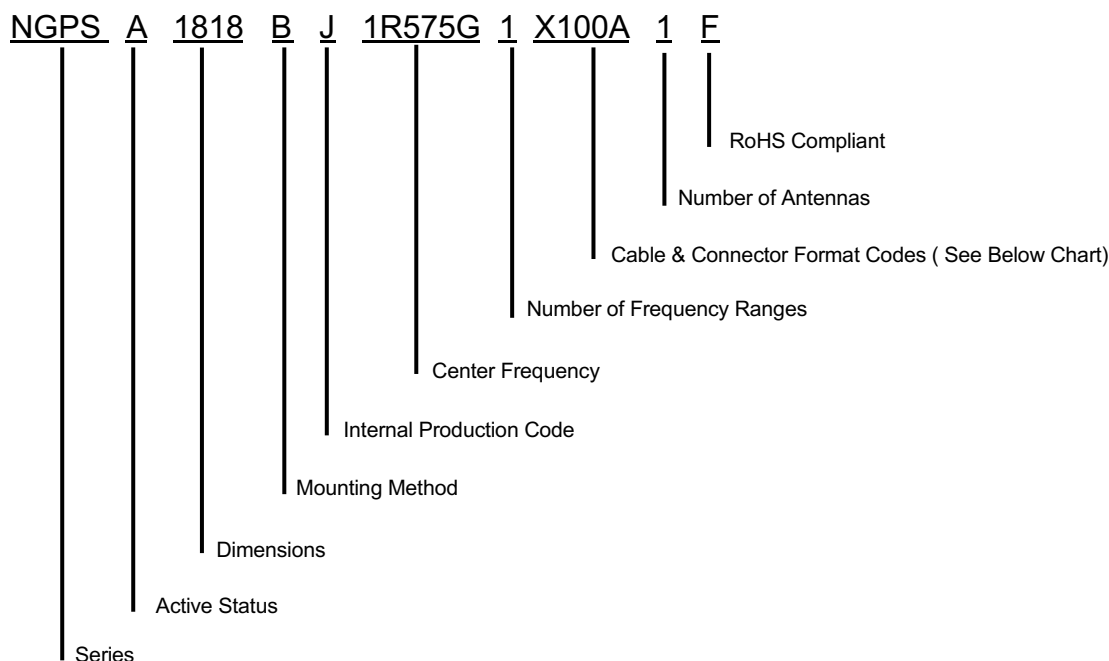
NGPSA1818BJ1R575G1X100A1F is an Active Patch Antenna designed for GPS applications. It operates within the frequency of 1575.42 MHz making it perfect for use in tracking, and fleet management

Features

- Active Patch Antenna
- GPS & GLONASS
- RoHS Compliant



Part Number Breakdown



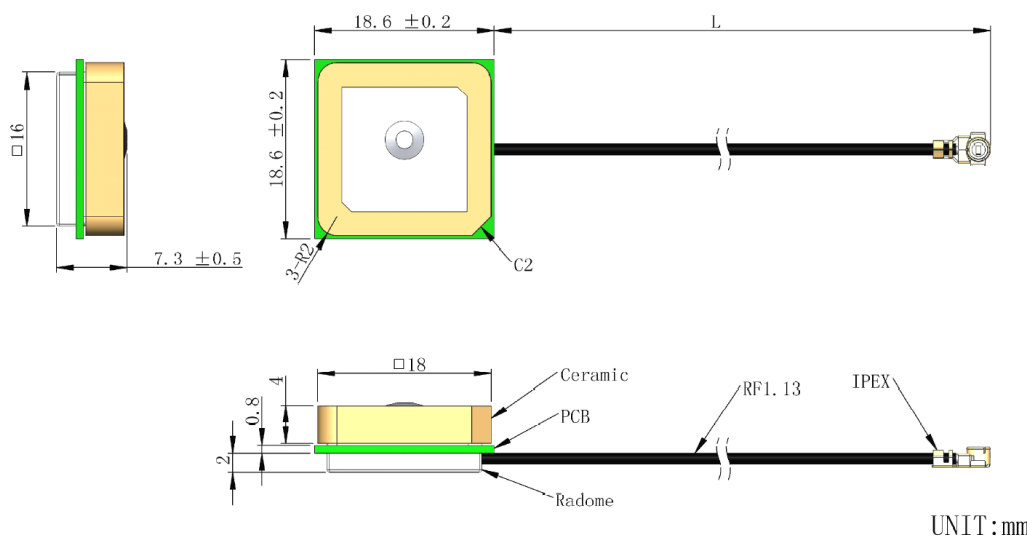
Cable & Connector Format Codes

Connector	Cable Length	Cable Type
IPEX (X)	100 mm	RF1.13 (A)

Specifications

Electrical	
Frequency Range	1575.42 ± 3 MHz
Bandwidth	CF ± 5 MHz
VSWR	< 1.5
Gain @ Zenith	1.0 dBic
Polarization	RHCP
Impedance	50Ω
LNA	
Gain	28 ± 2dB
Noise Figure	< 2
Ex-band Attenuation	30dB@CF±40MHz
Supply Voltage	3 ~ 5V DC
Current Consumption	5 ~ 10 mA
VSWR	< 2.0 (min)
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 75%
Vibration	10 ~ 55Hz 1.5mm Amplitude 2 Hours
RoHS Compliant	Yes

Dimensions



Radiation Patterns

