

Features

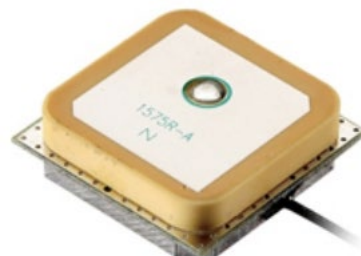
- Active Patch Antenna
- GPS & GLONASS
- RoHS Compliant

Applications

- Tracking
- Fleet Management

Specifications

Electrical	
Frequency Range	1575.42 ~ 1602 MHz
VSWR	< 1.5
Gain @ Zenith	2 dBic
Axial Ratio	3 dB
Polarization	RHCP
Impedance	50Ω
LNA	
Gain	28 ± 2dB
Noise Figure	< 1.5
Supply Voltage	2.2 ~ 5 VDC
Current Consumption	< 15 mA
VSWR	< 2.0
Environmental	
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 75%
Vibration	10 ~ 55Hz 1.5mm Amplitude 2 Hours
RoHS Compliant	Yes

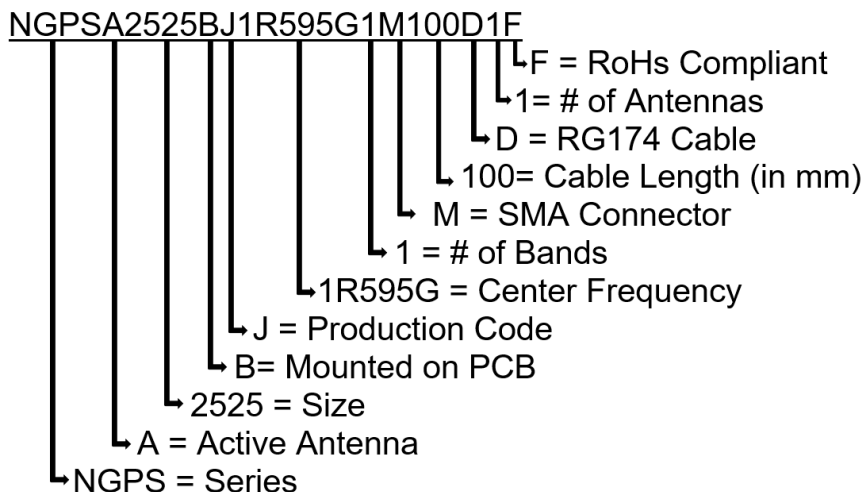


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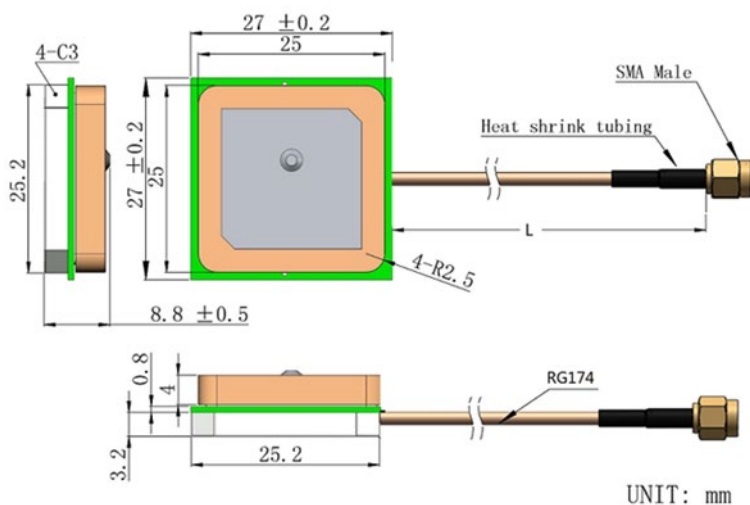
GPS/GLONASS Active Patch Antenna



Part Number Breakdown



Dimension Drawing



Dimensions (mm) & Mechanical

Body Length	25 ± 0.2
Width	25 ± 0.2
Thickness	8.8 ± 0.5
Cable Length	100 mm
Cable	RG174
Connection Type	SMA
PCB	27 mm x 27 mm

Radiation Patterns

