

# GP386AC286ASS

GPS L1,L2 BDS B1,B2 Time service antenna



## Technical indicator

Frequency	GPS L1:1575MHz/L2:1227MHz B1:1561MHz/B2:1207MHz	
Polarization	RHCP	
Output VSWR	< 1.5	
Output Impedance	50Ω	
Horizontal Half-power Beamwidth (°)	360	
Axial Ratio	≅5dB	



## LNA indicator

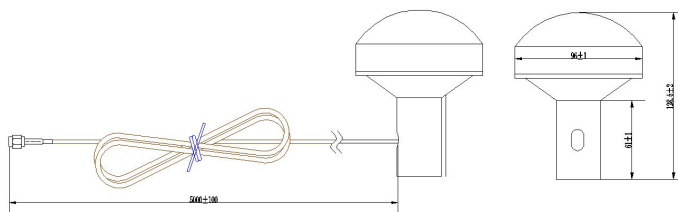
Gain	32.0±2.0dB	
Noise figure	≅2.5dB	
Input VSWR	< 2.0	
Output VSWR	< 2.0	
Output Impedance	50Ω	
In-band gain flatness (1575.42±5MHz)	±1.0 (only LNA)	
1dB Compression Point Output	>-10 (onlyLNA)	
Out of band rejection	1575MHz ± 100MHz	30dBc min
	1227MHz ± 100MHz	25dBc min
Operating Voltage	3.0V-5.0V	
Operating Current	≅26mA	

## Mechanical indicator

Dimension	Φ96mm*128mm	
Connector	SMA-J (customize)	
Radome	ABS+PC	
Radome Color	White	

## Environmental indicator

Relative Humidity	95%@40℃	
Operating Temperature	-40~+80℃	
Store Temperature	-45~+85℃	



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