

Part NO. SS-GLI1820P181B3	Type GPS&GLONASS External Active Antenna
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Electrical Characteristics

Antenna

1	Antenna model	18*18*2mm	
2	Frequency Range	1575.42MHz±1.023MHz	1598.06MHz~1605.38MHz
3	V.S.W.R	2.0 max	2.0 max
4	Band With@RL=-10dB	>6MHz	>6MHz
5	Gain@Zenith	-0.5dBi@18*18mm Ground	-0.5dBi@18*18mm Ground
6	Impedance	50 Ω	
7	Polarization	RHCP	
8	Axial Ratio@Zenith	<10dB	<10dB

LNA

1	Frequency Range	1556MHz~1608MHz		
2	DC Voltage	1.5V(min)	3.0V(typ)	3.6V(max)
3	DC current	7.3mA	8.5mA	10.0mA
4	Noise Figure	1.1<		
5	LNA Gain	33dB@25℃,1575.42MHz; 33dB@25℃,1561.098MHz		
6	VSWR	2.0 max		

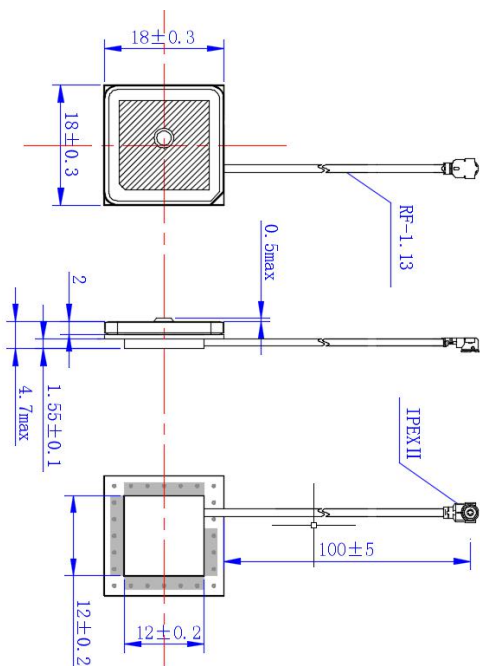
Material

No	Part Name	Spec
1	Antenna	Dielectric Ceramics
2	Ground	0.6mm, FR-4
3	Cable	L=70mm RF-1.13
4	Connector	I-PEX I

Environment Condition

1	Working Temp	-40℃ $\sim$ +85℃, 10% $\sim$ 95% RH
2	Storage Temp	-45℃ $\sim$ +90℃, 10% $\sim$ 95% RH

Dimensions



LNA Gain @3.0V

