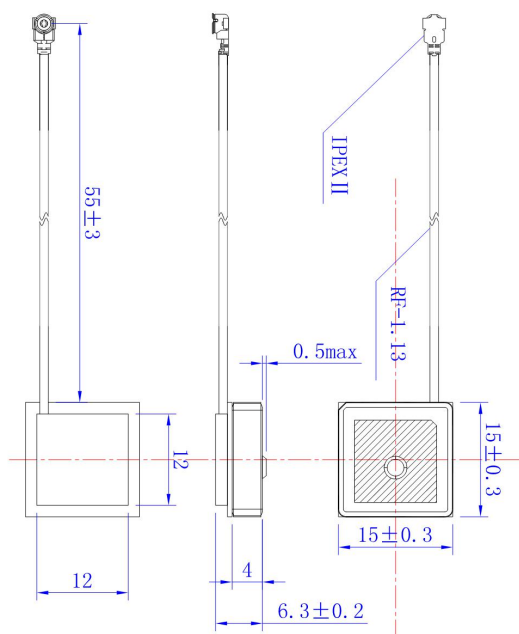


Part NO. SS-GLI1540P154S3		Type GPS&GLONASS External Active Antenna	
Electrical Characteristics			
Antenna			
1	Antenna model	15*15*4mm	
2	Frequency Range	1575.42MHz±1.023MHz	1598.06MHz~1605.38MHz
3	V.S.W.R	2.0 max	2.0 max
4	Band With@RL=-10dB	>6MHz	>6MHz
5	Gain@Zenith	1.0dBi@15*15mm Ground	1.0dBi@15*15mm 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	2.6mA	4.2mA 5.0mA
4	Noise Figure	1.1<	
5	LNA Gain	21dB@25℃,1575.42MHz; 21dB@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=59mm RF-1.13	
4	Connector	I-PEX I	
Environment Condition			
1	Working Temp	-40℃~+85℃, 10%~95% RH	
2	Storage Temp	-45℃~+90℃, 10%~95% RH	

Dimensions



LNA Gain @3.0V

