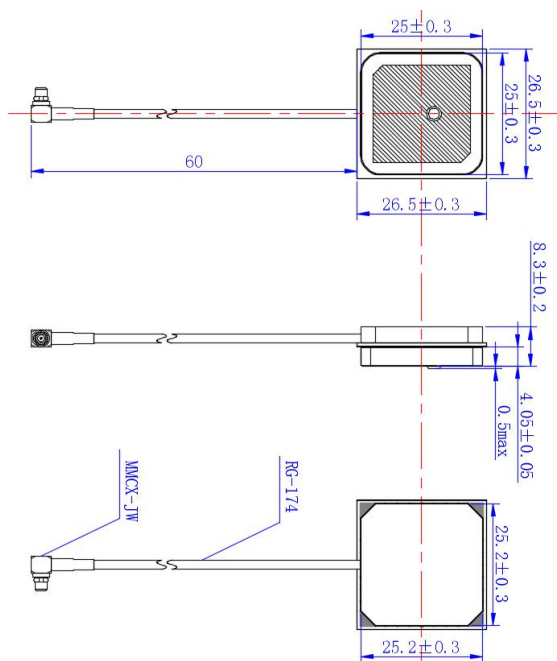


Part NO. SS-GLI2540P272B3		Type GPS&GLONASS External Active Antenna	
Electrical Characteristics			
Antenna			
1	Antenna model	25*25*4mm	
2	Frequency Range	1575.42MHz±1.023MHz	1598.06MHz~1605.38MHz
3	V.S.W.R	2.0 max	2.0 max
4	Band With@RL=-10dB	>10MHz	>10MHz
5	Gain@Zenith	2.3dBi@27*27mm Ground	2.2dBi@27*27mm Ground
6	Impedance	50 Ω	
7	Polarization	RHCP	
8	Axial Ratio@Zenith	<10dB	<10dB
LNA			
1	Frequency Range	1568MHz~1615MHz	
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	31dB@25℃,1575.42MHz; 30dB@25℃,1561.098MHz	
6	VSWR	2.0 max	
Material			
No	Part Name	Spec	
1	Antenna	Dielectric Ceramics	
2	Ground	0.8mm, FR-4	
3	Cable	L=65mm RF-0.81	
4	Connector	MMCX-JW	
Environment Condition			
1	Working Temp	-40℃~+85℃, 10%~95% RH	
2	Storage Temp	-45℃~+90℃, 10%~95% RH	

Dimensions



LNA Gain @3.0V

