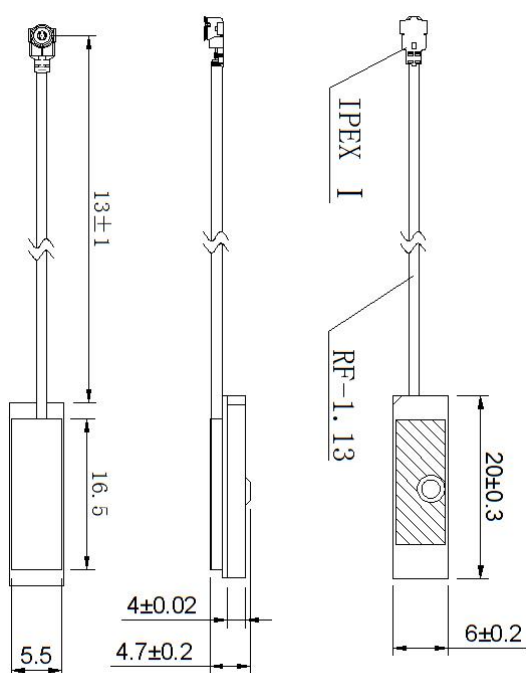


Part NO. SS-GPI200620P24W61S3		Type GPS External Active Antenna		
Electrical Characteristics				
Antenna				
1	Antenna model	20*6*2mm		
2	Frequency Range	1575.42MHz±1.023MHz		
3	V.S.W.R	1.5 max		
4	Band With@RL=-10dB	>5MHz		
5	Gain@Zenith	-2.0dBi@20*6mm Ground		
6	Impedance	50 Ω		
7	Polarization	Linear		
LNA				
1	Frequency Range	1555MHz~1605MHz		
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	18dB@25℃,1575.42MHz		
6	VSWR	2.0 max		
Material				
No	Part Name	Spec		
1	Antenna	Dielectric Ceramics		
2	Ground	0.6mm, FR-4		
3	Cable	L=17m, RF-1.13		
4	Connector	I-PEX II		
Environment Condition				
1	Working Temp	-40℃~+85℃, 10%~95% RH		
2	Storage Temp	-45℃~+90℃, 10%~95% RH		

Dimensions



LNA Gain @3.0V

