



上海增信电子有限公司

Signal Plus Technology Co., Ltd.

PRODUCT SPECIFICATION

Part NO.: **6321F00044**

Part Name: **GNSS+5Gx4 Antenna**

Electrical Specifications

1.1 GNSS Antenna*1

1	Frequency Range (MHz)	1559-1610&1164-1189
2	Gain(dBi)	2
3	V. S. W. R	≤ 2.0 Center Frequency
4	Impendence (ohm)	50
5	LNA Gain(dB)	17 ± 2
6	LNA V. S. W. R	≤ 2.0
7	LNA DC Voltage(VDC)	3~5
8	Polarization	RHCP
9	LNA Noise Figure(dB)	≤ 2.0
10	Current Consumption(mA)	< 15
11	Cable	1*LMR100, L3000mm
12	Connector	1*SMA Male

1.2 LTE Antenna*4

1	Frequency Range (MHz)	600-960	1427-2700	3300-4200	4400-5000
2	Gain(dBi)	1	3	4	4
3	V. S. W. R	≤ 2.5			
4	Efficiency(%)	50			
4	Impendence (ohm)	50			
5	Polarization	Linear			
6	Cable	4*LMR100			
7	Connector	4*SMA Male			

Mechanical Specifications

1	Dimensions (mm)	224×100×36
2	Housing Material and Color	PC/PC+ABS, Black
3	Cable	5*LMR100, L3000mm
4	Mounting Method	Screw M6 or Adhesive

Environment Condition

1	Operational Temp	-40~+80℃
2	Operational Humidity	≤90%
3	Ingress Protection	IP67
4	Environmental Statement	REACH and ROHS 2.0 (Lead free)

Structure (unit: mm)

