



上海增信电子有限公司

Signal Plus Technology Co., Ltd.

PRODUCT SPECIFICATION

Part NO.: 6321F00034

Part Name: External multi frequency combination GNSS+5G Antenna

Electrical Specifications

1.1 GNSS Antenna

1	Frequency Range	1559-1610&1164-1189MHz
2	Gain	2dBi
3	V. S. W. R	≤ 2.0 Center Frequency
4	Impedence	50 ohm
5	LNA DC Voltage	3~5VDC
6	Polarization	RHCP
7	LNA Gain	28 ± 2 dB
8	LNA V. S. W. R (Max)	≤ 2.0
9	LNA Noise Figure (Max)	≤ 2.0 dB
10	Current Consumption	< 15 mA
11	Cable	1*LMR100, L3000mm
12	Connector	1*SMA Male

1.2 LTE Antenna

1	Frequency Range	5G:ANT1/5G:ANT2/5G:ANT3/5G:ANT4 600-960MHz , 1710-2700MHz, 3300-4200MHz, 4400-5000MHz
2	Gain	1dBi
3	V. S. W. R	≤ 4.0
4	Impedence	50 ohm
5	Polarization	Linear
6	Cable	4*LMR100, L3000mm
7	Connector	4*SMA Male

Mechanical Specifications

1	Dimensions	160mmx61mmx27mm
2	Housing Material and Color	PC550K, Black
3	Cable	5*LMR100, L3000mm
4	Mounting Method	Paste (3M9080A)/screw

Environment Condition

1	Operational Temp	-40~+85℃
2	Operational Humidity	≤90%
3	IP Rating	IP65
4	Environmental Statement	Comply with REACH and ROHS 2.0 (Pb≤1000ppm)

Structure (unit: mm)

