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Product Name GNSS+4G+WIFI+BT combined antenna
Model No. FC-GNSS-024LT
Note:GNSS+4G+WIFI+BT,30dB gain,SMA male Connector,3meter length,ISO,CE,ROHS,REACH.Waterproof IP67

1. PRODUCT TECHNICAL SPECIFICATION

GNSS Specifications	
Frequency Range	1575.42-1602MHZ
LNA Gain	30±2dB
VSWR	≤1.5
Input Impedance	50Ω
Polarization	RHCP
Axial Ratio	3dB（max）
Noise Figure	＜1.5dB
Supply Voltage	Supply Voltage
Current Consumption	5~15mA

4G Specifications	
Frequency Range	690~960/1710~2170/2500~2700MHz
Gain	5±2dB

VSWR	≤1.5
Input Impedance	50Ω
Polarization	Linear

WIFI Specifications	
Frequency Range	2400~2500MHz/5100-5800MHz
Gain	5±2dB
VSWR	≤1.5
Input Impedance	50Ω
Polarization	Linear

BT Specifications	
Frequency Range	2400~2500MHz
Gain	5±2dB
VSWR	≤1.5
Input Impedance	50Ω
Polarization	Linear

Mechanical Specifications	
Operating Temperature	-40℃~ + 85℃

Relative Humidity	Up to 95%
Connector Type	SMA male（FME/SMA/MCX/MMCX and so on）
Size	84±0.2*14.5±0.2mm
Antenna Cover Material	ABS
Color	Black or White
Cable type	RG174
Cable length	3meter(Can be shorter or longer)
Mounting Method	Adhesive/Magnet base
Waterproof level	IP67

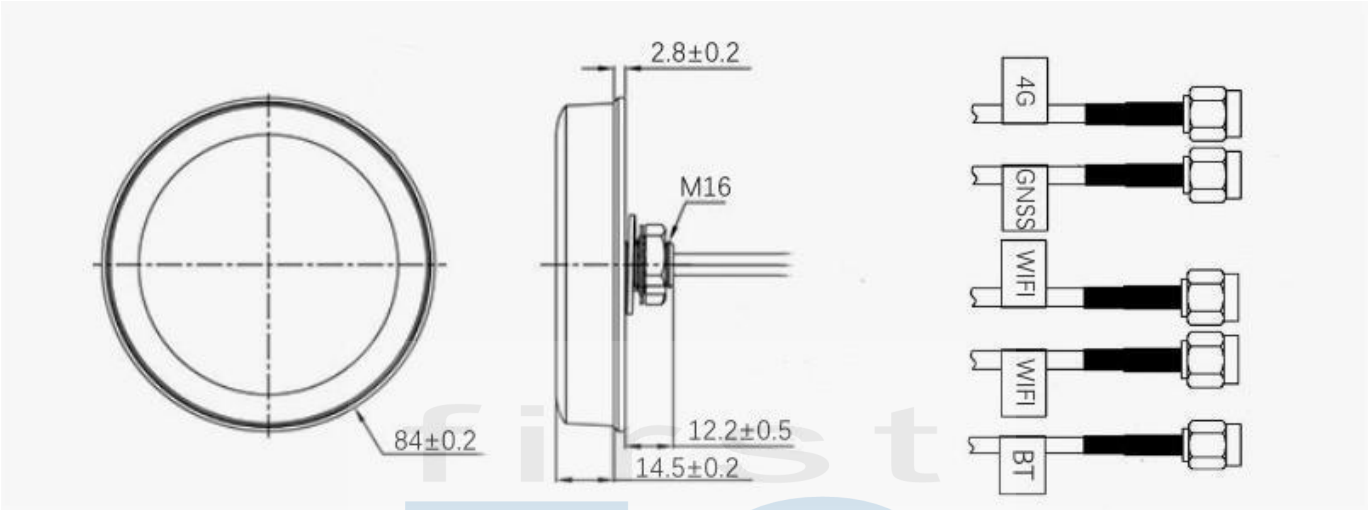
2. PRODUCT PICTURE



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4.PRODUCT TECHNICAL SPECIFICATION



4.ELECTRIC APPLIANCE CHARACTERISTICS

ITEM		TEST CONDITION	SPECIFICATION
1	Return Loss	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Return Loss Characteristics.	
2	VSWR	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 VSWR Characteristics.	
3	Smith chart	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Gain Response Characteristics.	
4	Gain response	Using Agilent Network Analyzer 8753ET to Measure Antenna S21 Gain Response Characteristics.	