

## ANT-5GCombo7

GNSS + 5G MIMO + WIFI MIMO Antenna



LINOVISION 5G MIMO Combo 7-in-1 Antenna is a high-efficiency GNSS/5G/WIFI omni-directional antenna. Outdoor Roof SMA Antenna with 10ft cable. This antenna is a smart choice for both mobile and stationary applications where extra gain is required.

### Outstanding Features

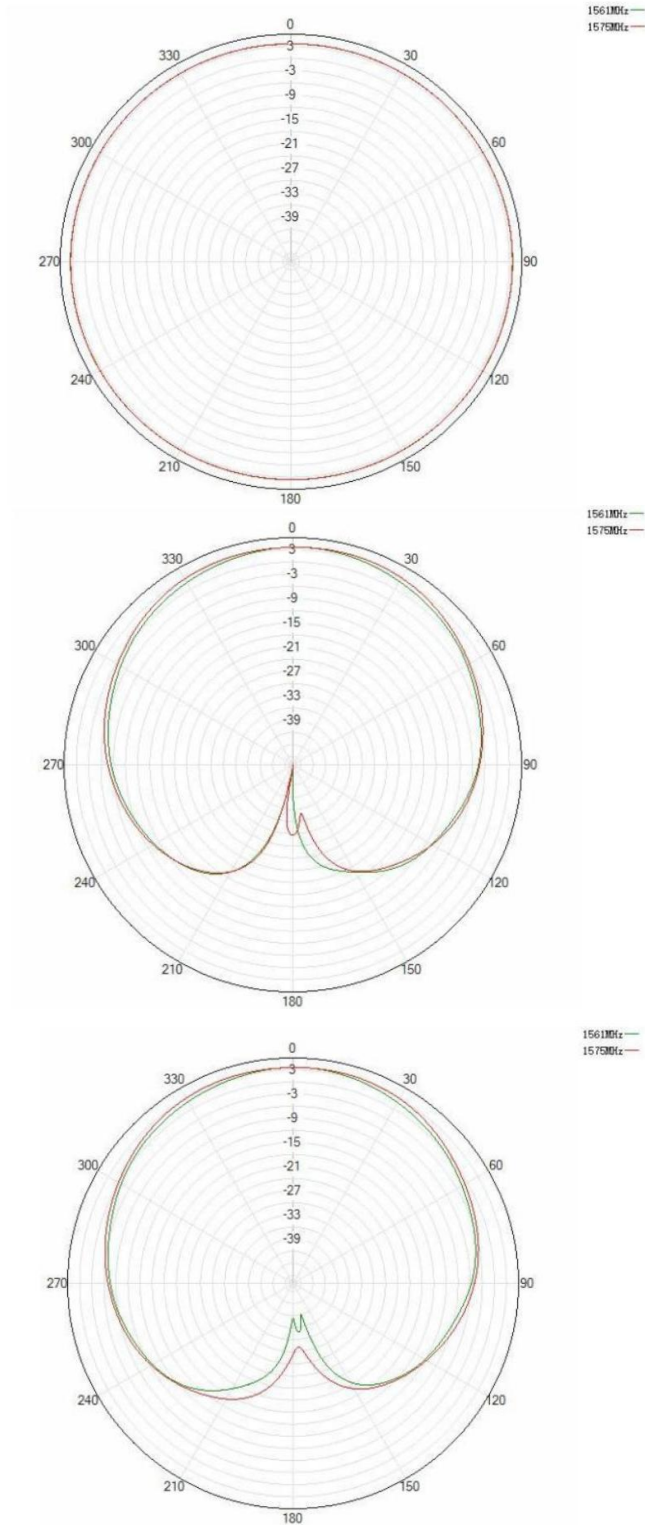
- **COMBO 7-in-1 ANTENNA:** 4x 5G NR MIMO, 2x Wi-Fi and 1x GNSS Antenna.
- **GLOBAL 5G NR RANGE:** Works in most countries in the world with frequency range: 698 to 960MHz, 1710~2690MHz, 2900 to 3800MHz; 4x SMA Male Connector.
- **DUAL BAND Wi-Fi:** Frequency range: 2400 to 2483.5MHz, 4900 to 5925MHz; 2x RP-SMA Male Connector.
- **GNSS ANTENNA:** Frequency range: 1561.098 to 1575.42MHz; 1x SMA Male Connector.
- **COMPATIBLE ROUTERS:** Work with most 5G cellular routers in the market with 2/3/4/5/6/7 antenna interfaces, like Teltonika RUTM50, RUTC50, RUTX50, TRB500.(Equivalent to Teltonika PR1KC640).
- **IP67 WATERPROOF:** Outdoor Roof Type, water and dust-resistant for ultimate outdoor reliability.

## Specification

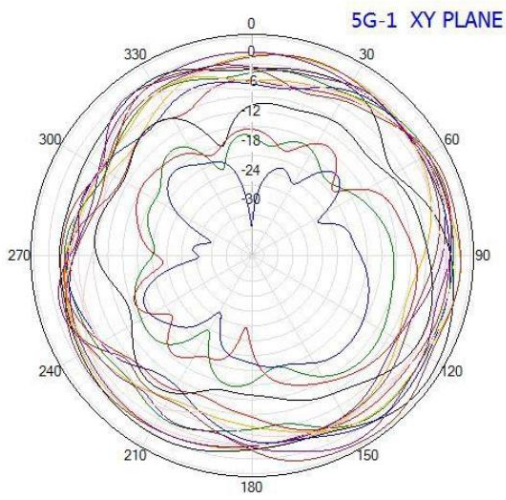
Model	ANT-5GCombo7		
GNSS Antenna	Frequency Range	1561.098 to 1575.42MHz	
	Polarization	RHCP	
	Impedance	50Ω	
	Dimension	0.98 × 0.98 × 0.15"(25 × 25 × 4mm)	
	Gain	3dBic@70*70mm GP	
	V.S.W.R	< 1.5	
	Axial Ratio	≤3dB (zenith)	
	Connector type and count	SMA Male	
	LNA	Gain	28±2dB
		Noise Figure	≤1.0dB
Supply Voltage		3.3±0.3V DC	
Current Consumption		≤24mA@3.3V DC	
V.S.W.R		<2.0	
5G MOBILE MIMO ANTENNA	Frequency Range	617 to 960, 1710 to 2690, 2900 to 4200 MHz	
	V.S.W.R	≤3.0	
	Polarization	Linear	
	Gain	4.0 dBi	
	Impedance	50Ω	
	Connector type and count	4x SMA Male	
WIFI MIMO Antenna	Frequency Range	2400 to 2483, 4900 to 5925 MHz	
	V.S.W.R	≤2.5	
	Polarization	Linear	
	Gain	4.0 dBi	
	Impedance	50Ω	
	Connector type and count	2x RP SMA Male	
Mechanical	Cable	7 x LMR100,118"(3000mm)	
	Connector	SMA	
	Radome Material	UV-Resistant ABS/PC	
	Mounting Method	Screw	
	Weight	2.2lb(1000g)	
Environmental	Operating Temperature	-40°F to +185°F(-40°C to +85°C)	
	Relative Humidity	Up to 95%	
	Ingress Protection	IP67 (exclude cable outlet)	
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours	
	Environmentally Friendly	ROHS Compliant	

## Radiation Patterns

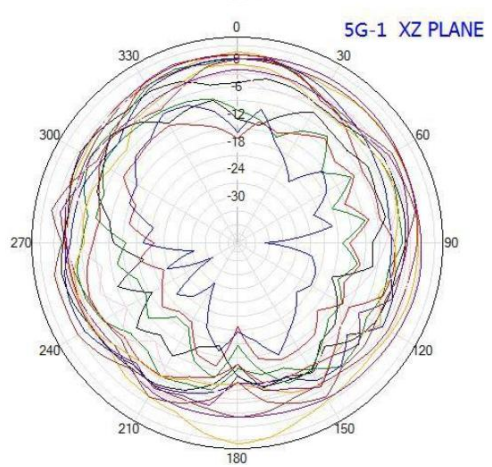
GPS Antenna



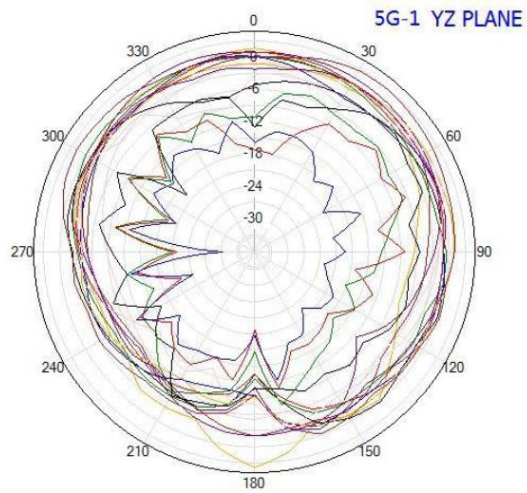
## NR Antenna



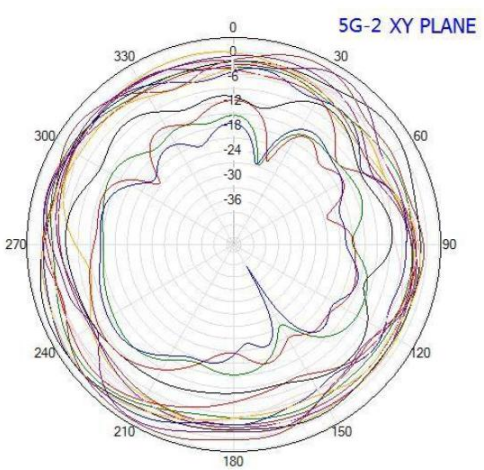
1710MHz  
1850MHz  
1990MHz  
2170MHz  
2300MHz  
2500MHz  
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3800MHz  
4400MHz  
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6980MHz  
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8680MHz  
9600MHz



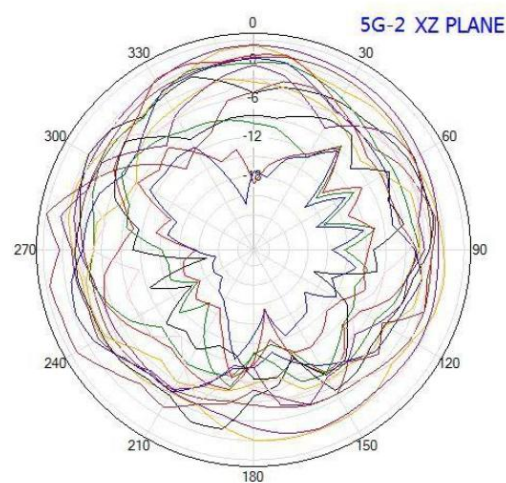
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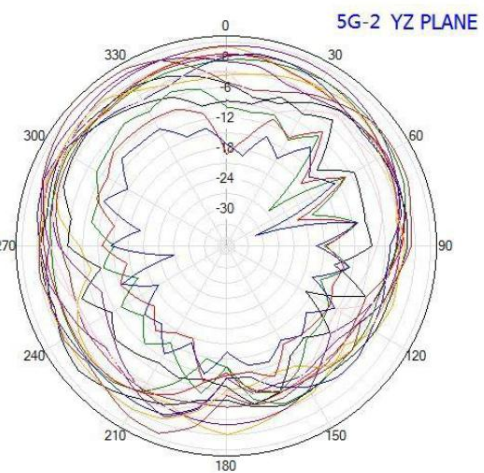
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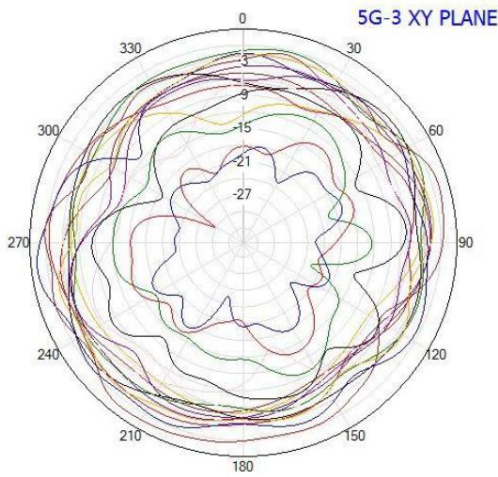


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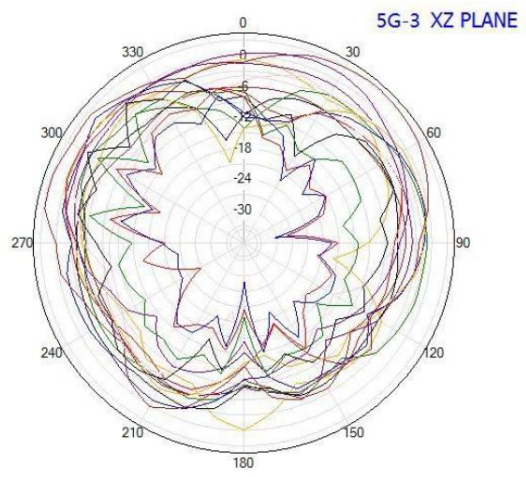


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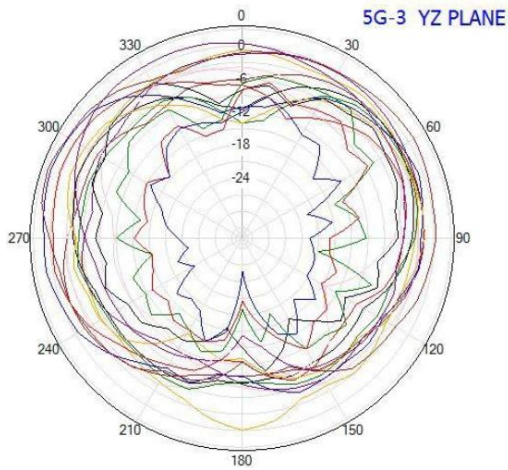




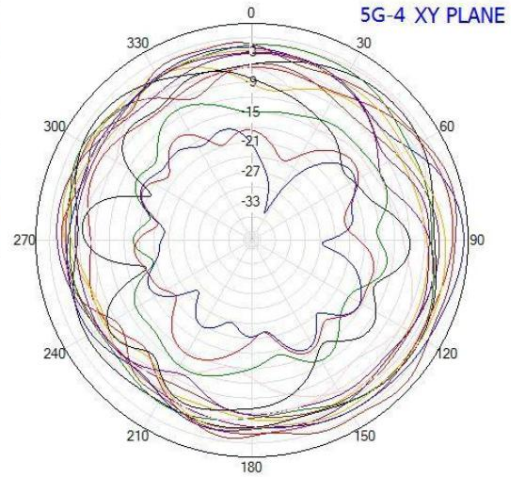
- 1710MHz
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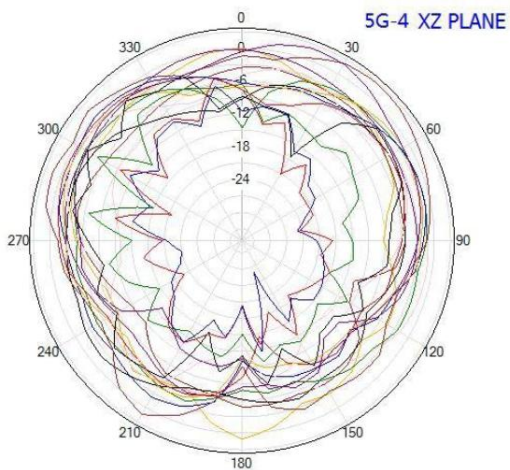
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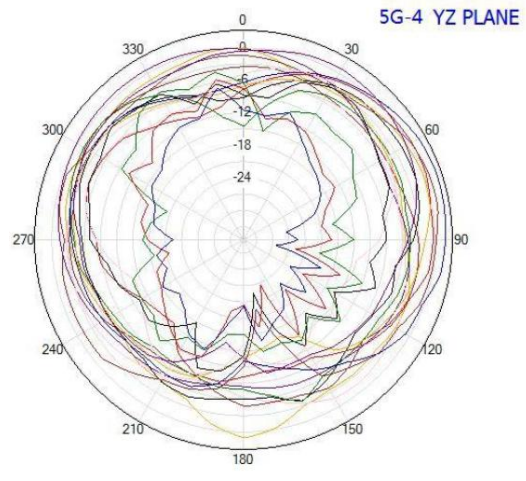
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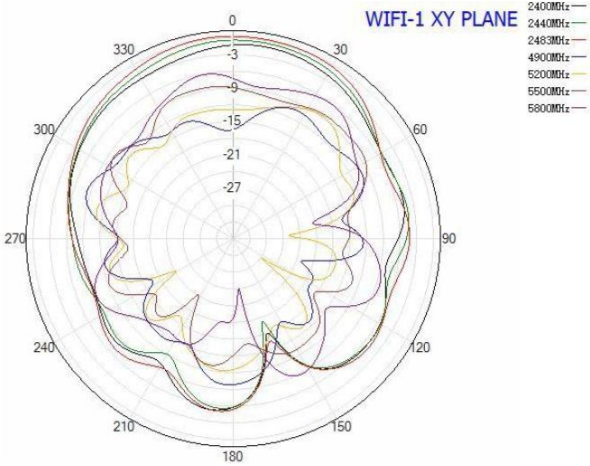
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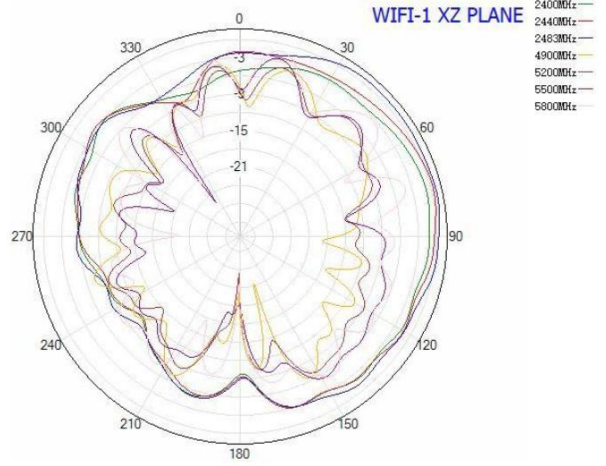
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## WIFI Antenna

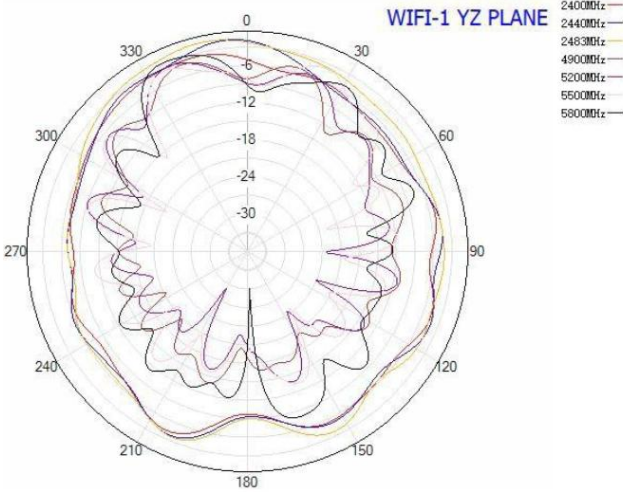
WIFI-1 XY PLANE



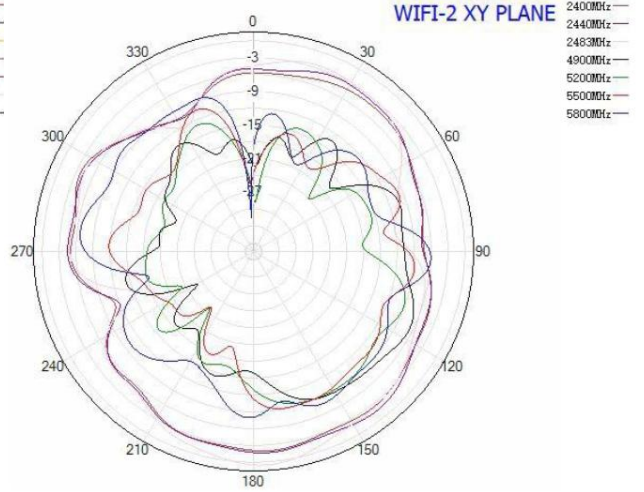
WIFI-1 XZ PLANE



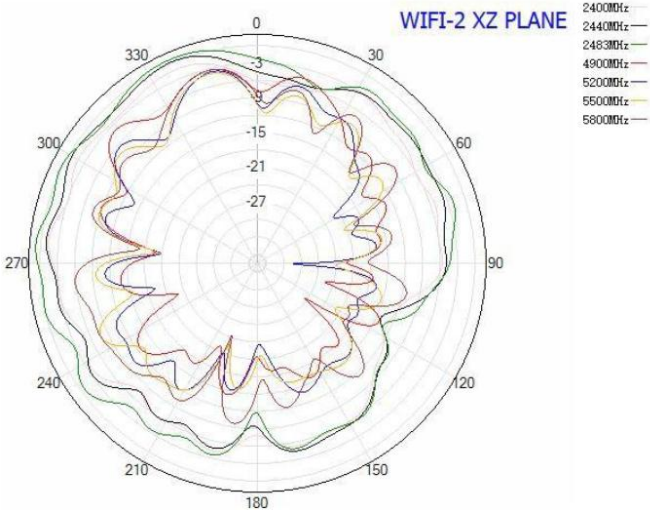
WIFI-1 YZ PLANE



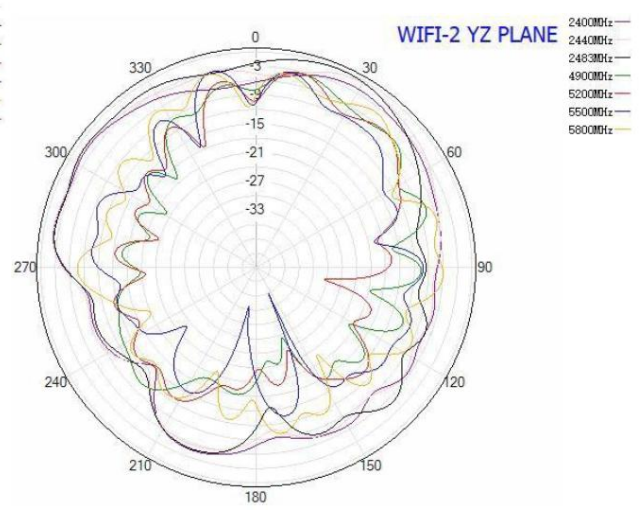
WIFI-2 XY PLANE



WIFI-2 XZ PLANE

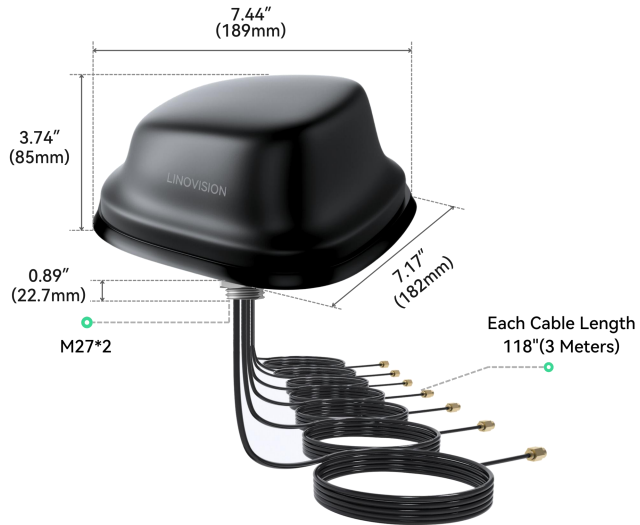


WIFI-2 YZ PLANE



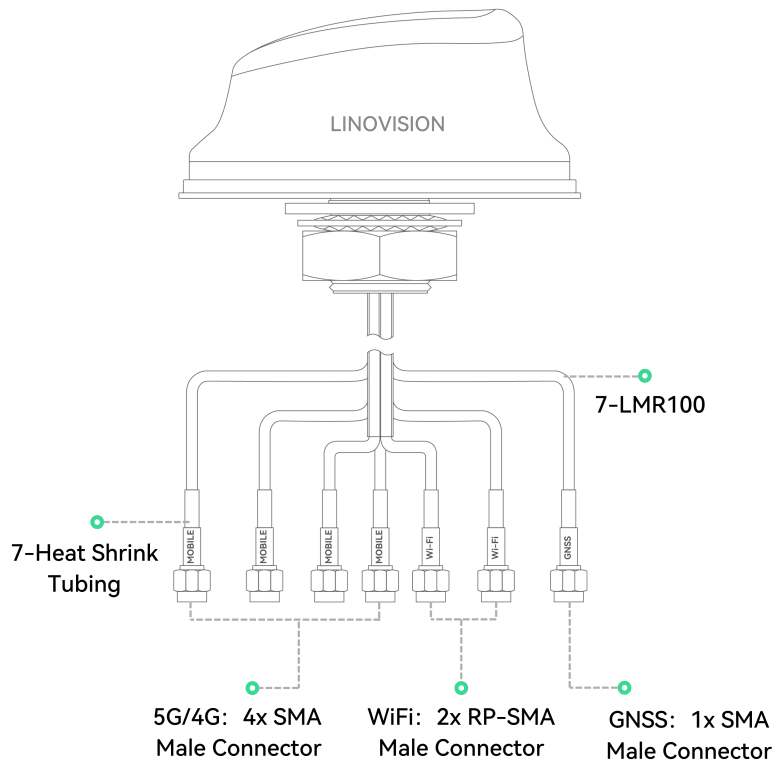
## Dimension

LINOVISION

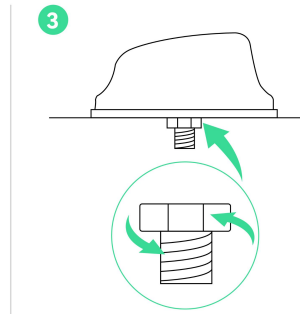
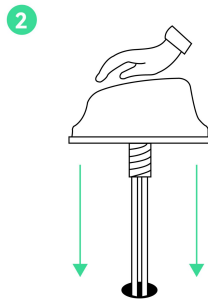
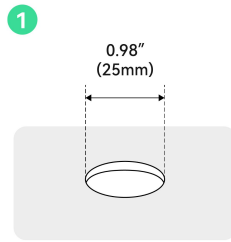


Weight: 1000g (2.2 lb)

## Interface







Package Contents



ANT-5GCombo7



User Manual