

External 2 in 1 Antenna

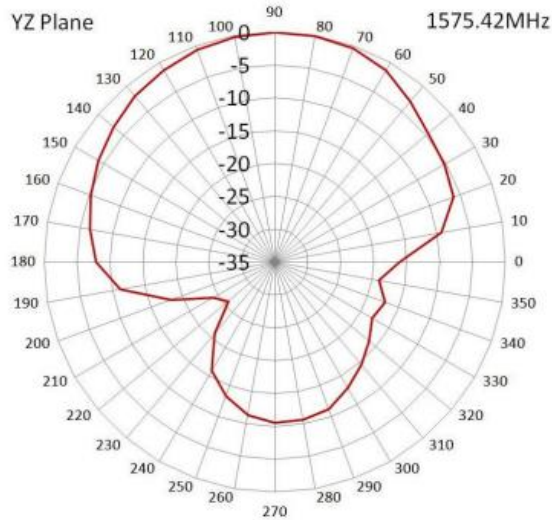
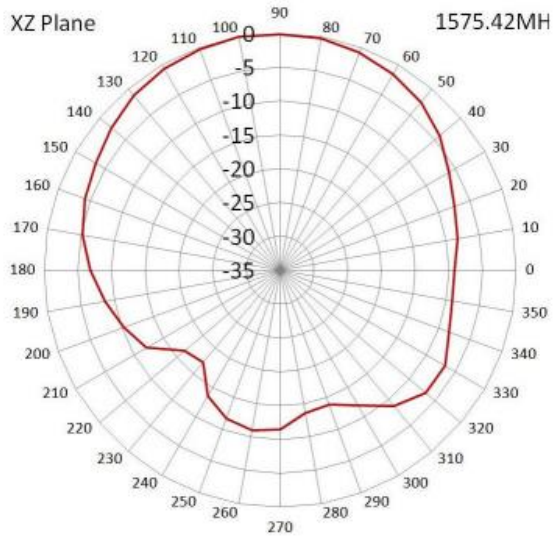
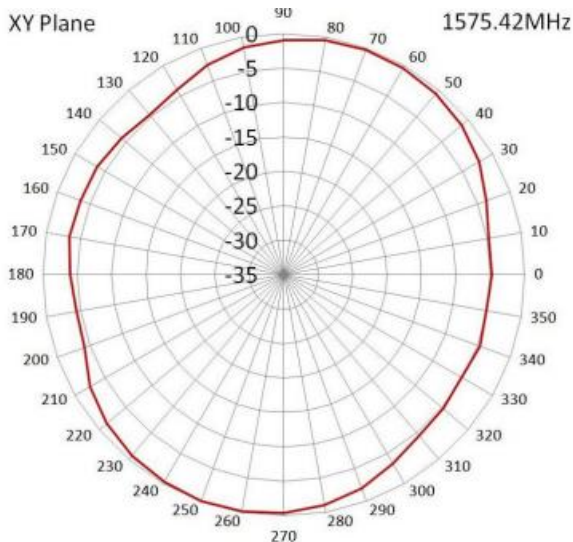
- 2 ports in the same housing
- Technology: LTE, GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Screw mounting
- Applications in smart city, small cell, repeater, CPE, Wireless networking etc.



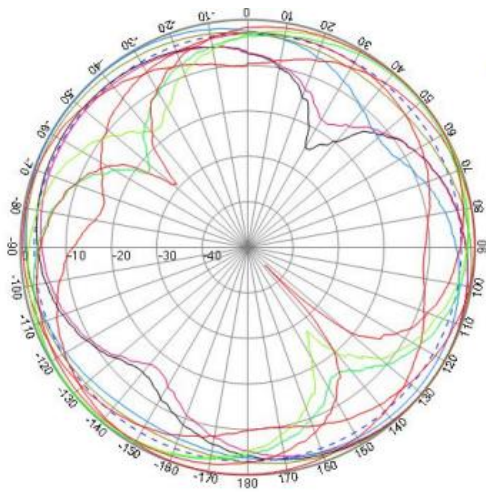
Item	Performance Specifications
GNSS Antenna Center Frequency	1575±3MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	2dBic (Zenith)
GNSS Antenna V.S.W.R	<1.5
GNSS Antenna Impedance	50 Ω
GNSS Antenna Axial Ratio	3dB (max)
LNA Gain	28±2dB
LNA Noise Figure	<1.5dB
LNA V.S.W.R	<2.0
LNA Supply Voltage	2.2~5V DC
LNA Current Consumption	<15mA
LTE Antenna Frequency Range	698~960MHz/1710~2690MHz
LTE Antenna V.S.W.R	≤3.0
LTE Antenna Peak Gain	2dBi
Isolation	<-15dB
Cable	RG174, fully customized
Connector	SMA/MCX/FAKRA, fully customized
Mounting Method	Screw, fully customized
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
Ingress Protection	IP43
Environmentally Friendly	ROHS compliant

Radiation Pattern

GNSS Antenna

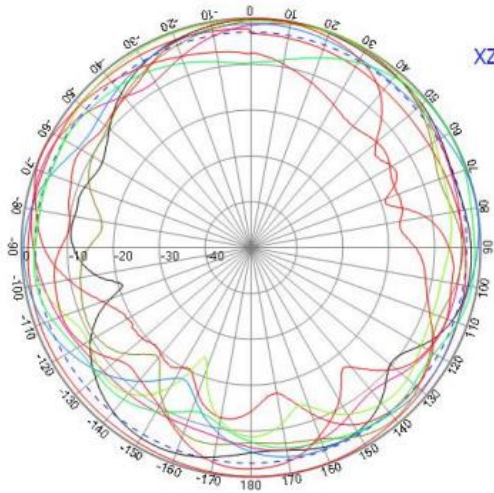


LTE Antenna



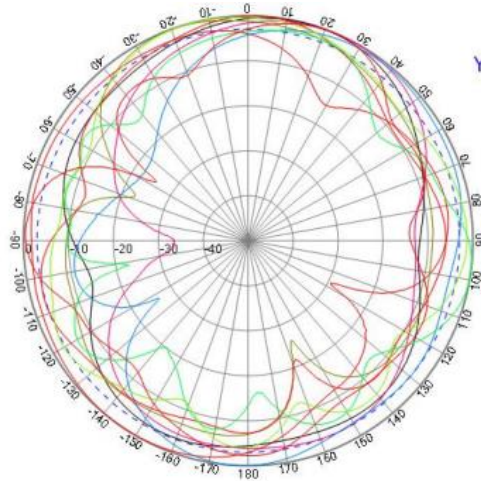
XY PLANE

- Freq: 700
- Freq: 824
- Freq: 868
- Freq: 960
- Freq: 1710
- Freq: 1850
- Freq: 1990
- Freq: 2170
- Freq: 2690



XZ PLANE

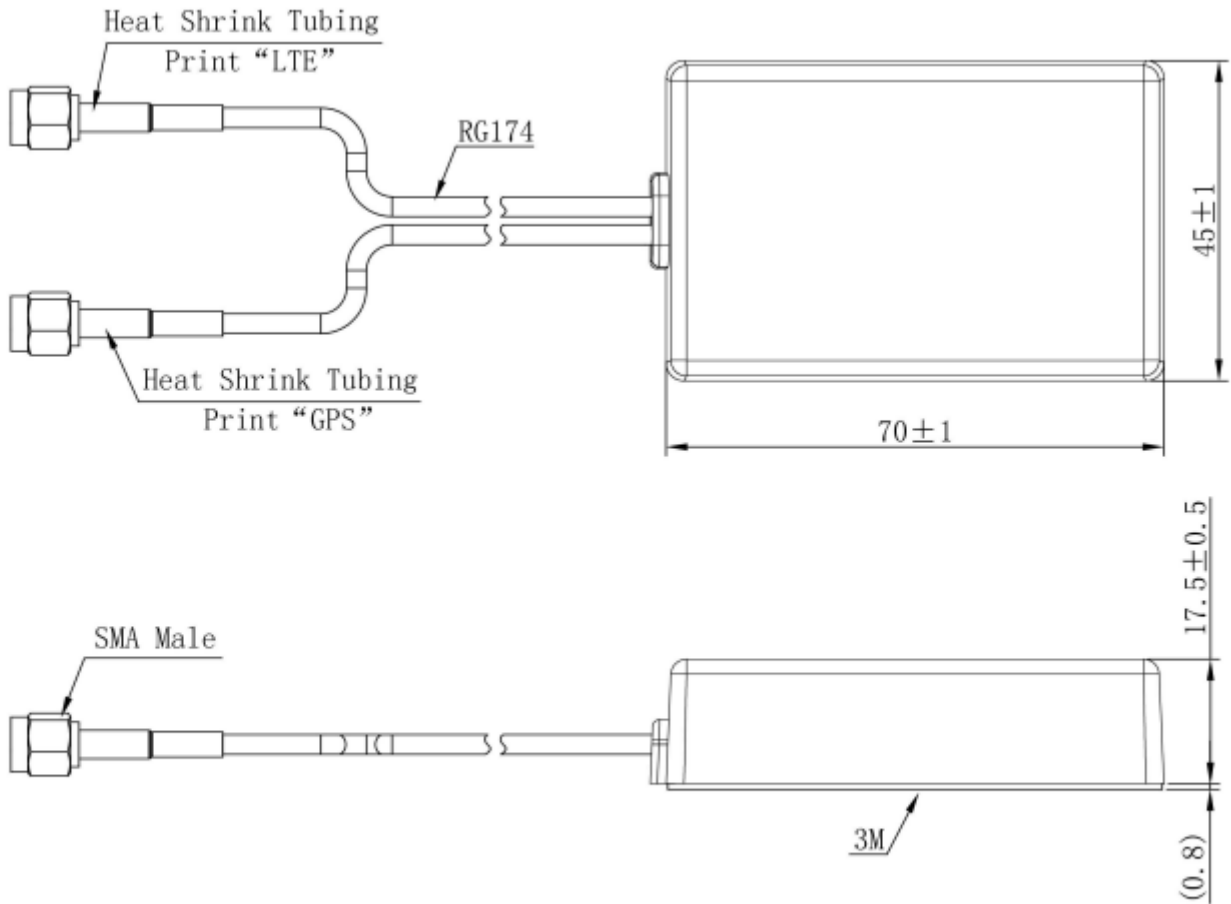
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YZ PLANE

- Freq: 700
- Freq: 824
- Freq: 868
- Freq: 960
- Freq: 1710
- Freq: 1850
- Freq: 1990
- Freq: 2170
- Freq: 2690

Antenna Mechanical Drawing



Unit:mm