

3G GSM & GPS Combo Antenna

Features

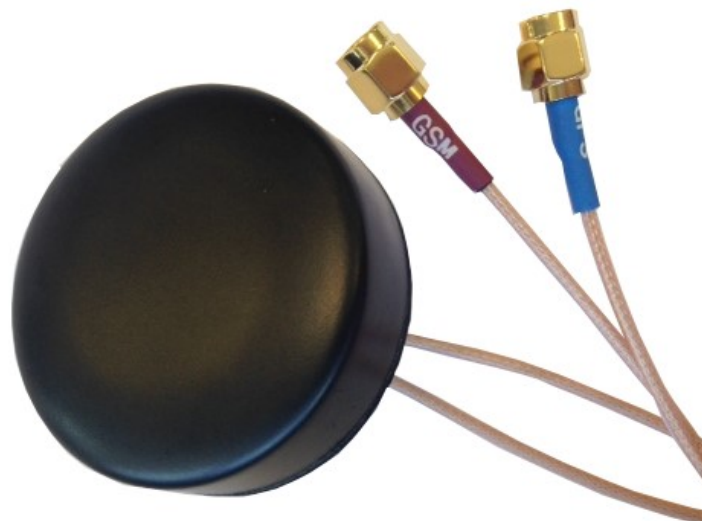
- GPS & GSM Antenna
- Screw and Adhesive Fixing
- Operates from -40 to $+85^{\circ}\text{C}$
- IP65-68 (excluding Cable Outlet)

GPS Antenna

- 1575.42MHz +/- 1MHz
- Gain: 0dBic (Zenith)
- V.S.W.R <2.0
- Active Gain (+22dBm)
- Noise Figure <1.5
- LNA Supply : 3Vdc at 9mA
- 3metres RG174 Cable
- SMA Male Connector

GSM Antenna

- 824-960/ 1710-2170MHz
- Gain: 2dBi (Zenith)
- V.S.W.R <2.5
- Linear polarisation
- Impedence 50ohm



Applications

- Car GPS Systems
- Hand held GPS Systems
- GSM modems

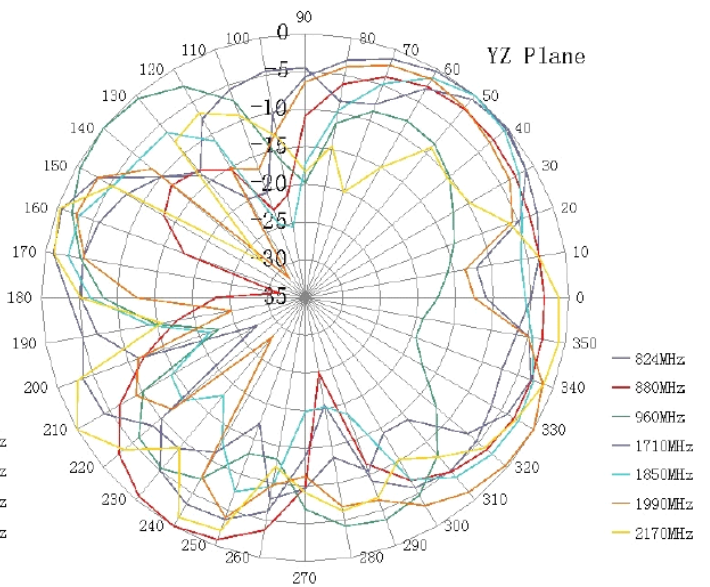
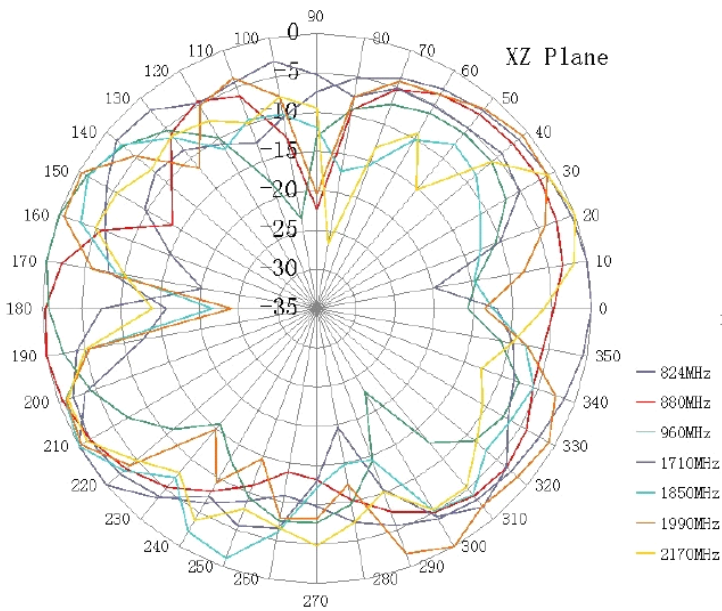
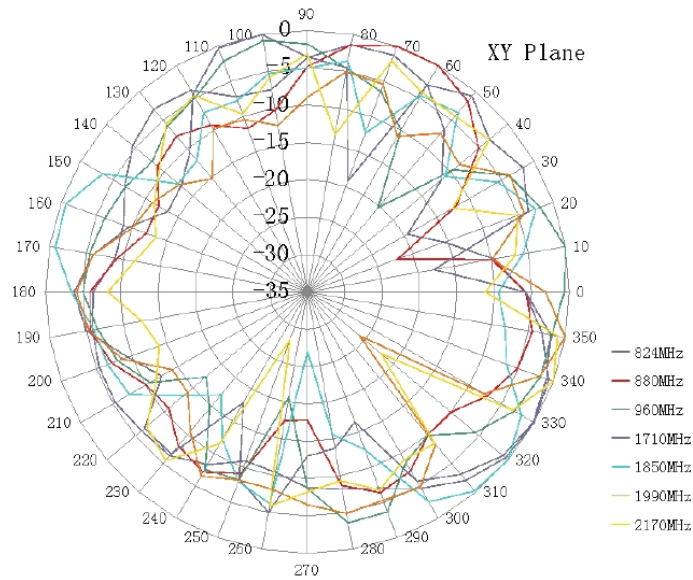
Description

A compact Antenna for GPS applications where high performance is required from a small size. A Low Noise Amplifier (LNA) is integrated and is housed in a rugged low profile UV resistant, this antenna is compact and resistant to Vandalism.

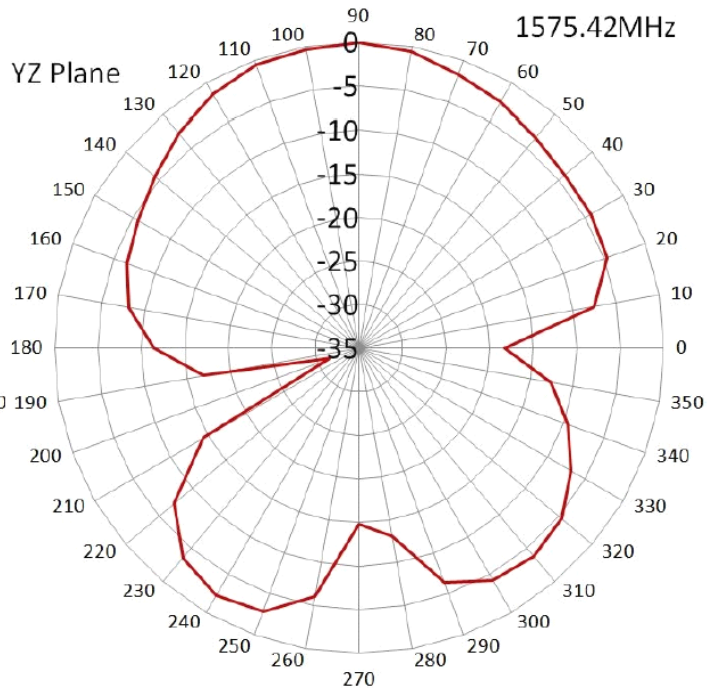
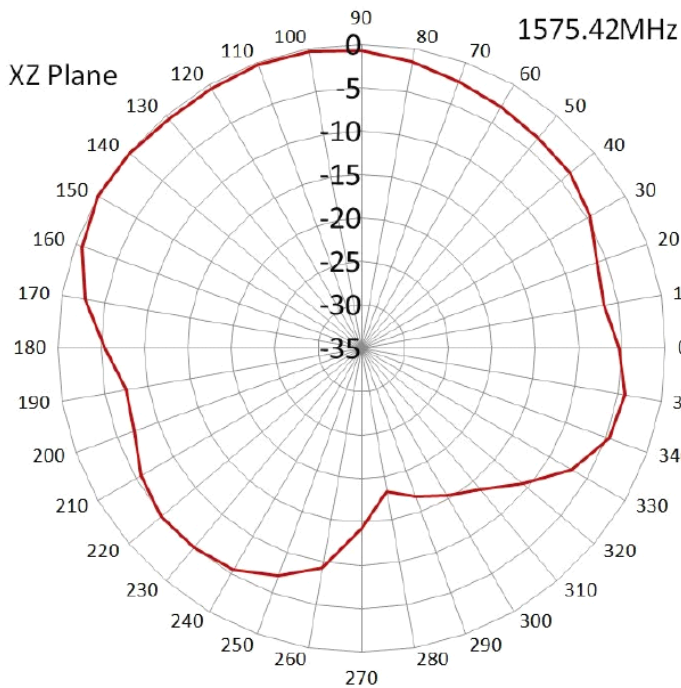
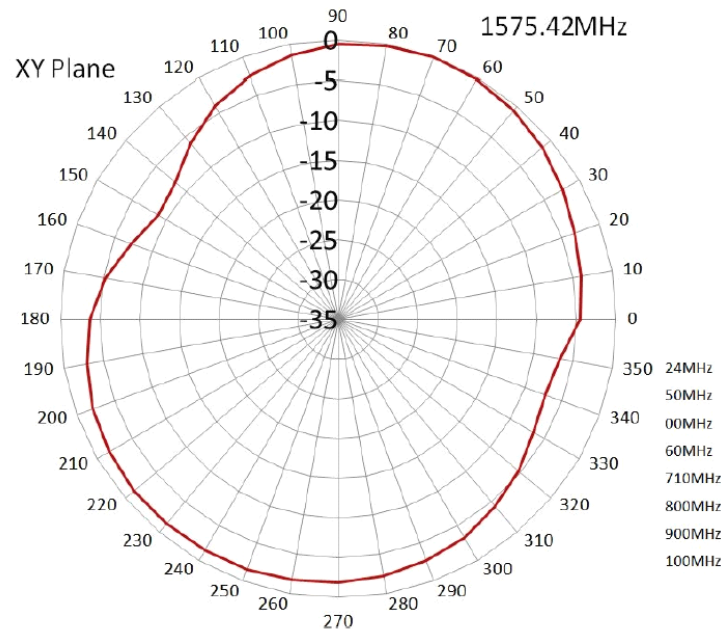
Ordering Information

Part Number	Description	Cable Length	Connector
ANT-GSMGPS-SMA	Combo GSM & GPS Ant Adhesive mount	3metres	SMA (M)

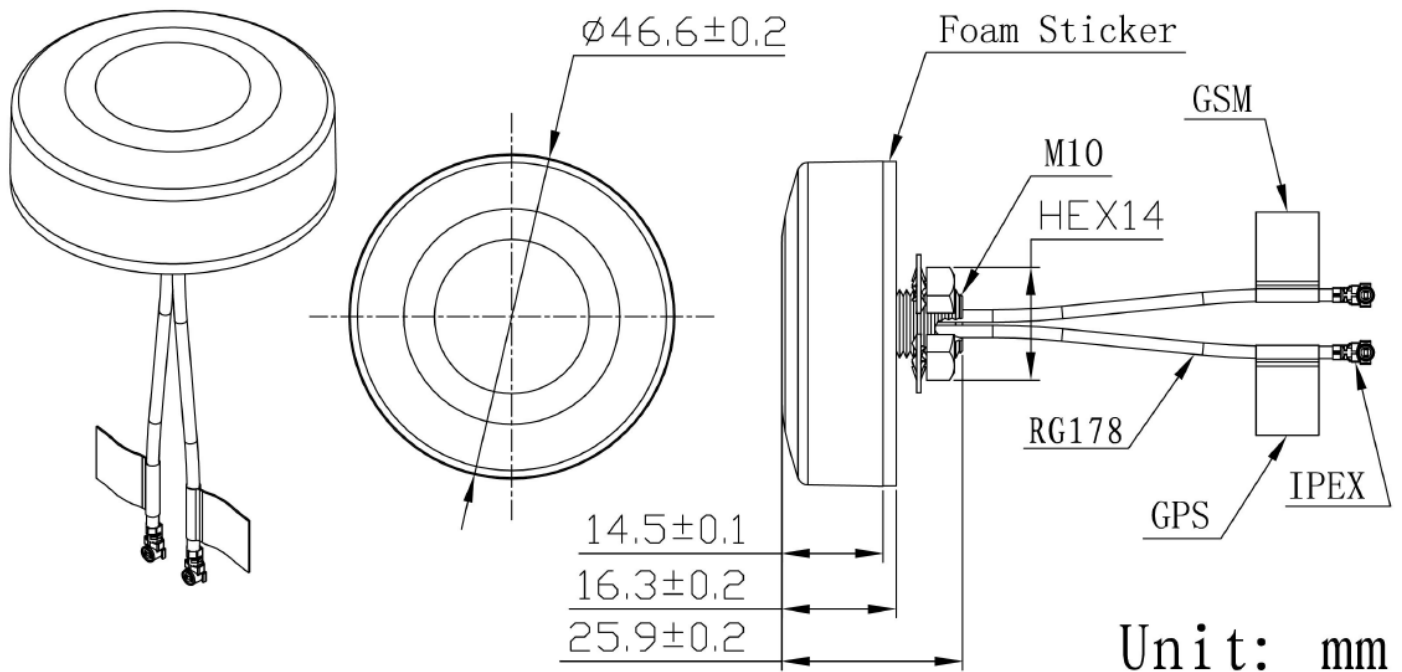
GSM Antenna Radiation Patterns



GPS Antenna Radiation Patterns



Technical diagram



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ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC

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Waste Batteries and Accumulators Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

Environment Agency producer registration number: WEE/JB0104WV.

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