



TOP ELECTRONIC INDUSTRY CO., LTD.

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GPS Active Antenna

**TOP-GPS06**



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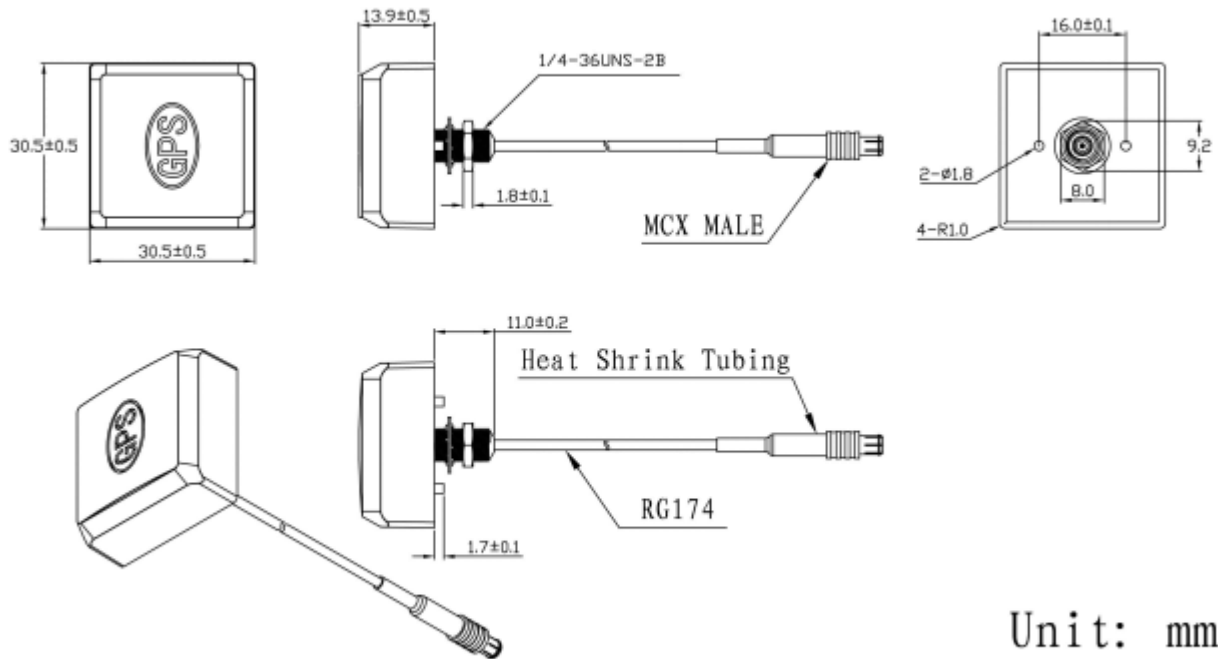


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## DIMENSIONS



Unit: mm

## SPECIFICATIONS

Item	Specifications	
Antenna	Center Frequency	1575.42±1MHz
	Band Width	CF±5MHz
	Polarization	RHCP
	Gain	5dBic (Zenith)
	V.S.W.R	<1.5
	Impendance	50Ω
	Axial Ratio	3dB (max)
	Dimension	25*25*4mm

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LNA	Gain	28±2dB
	Noise Figure	<1.5
	Filter Insertion Loss	<3dB
	Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50M Hz
	Supply Voltage	2.2~5V DC
	Current Consumption	5~15mA
	V.S.W.R	<2.0
Mechanical	Cable	RG174 or others
	Connector	SMA/MCX/FAKRA or others
	Radome Material	ABS
	Mounting Method	Screw
Environmental	Operating Temperature	-40℃~+85℃
	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 Pattern

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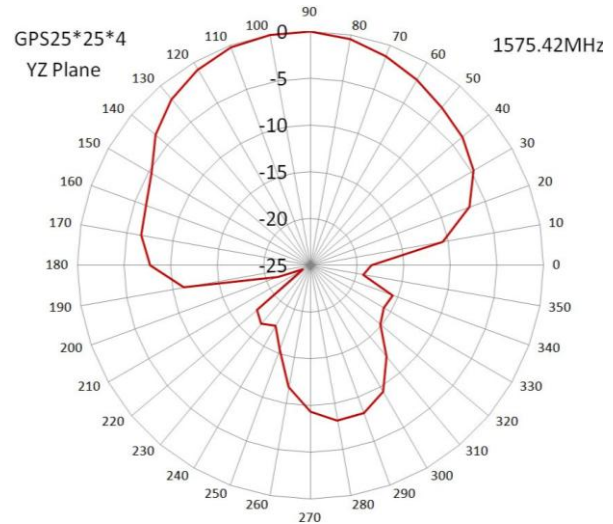
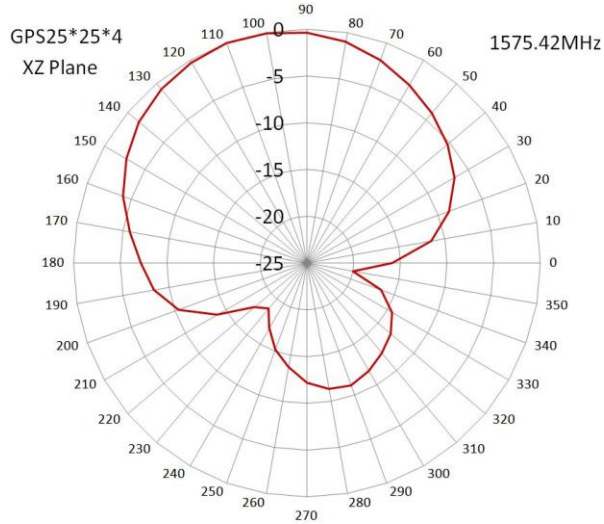
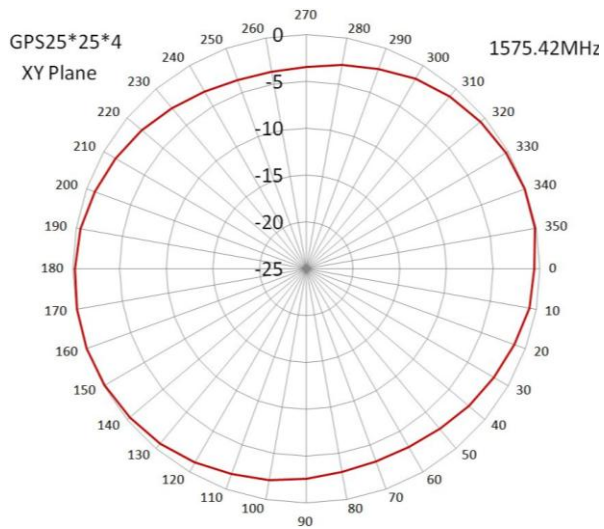
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