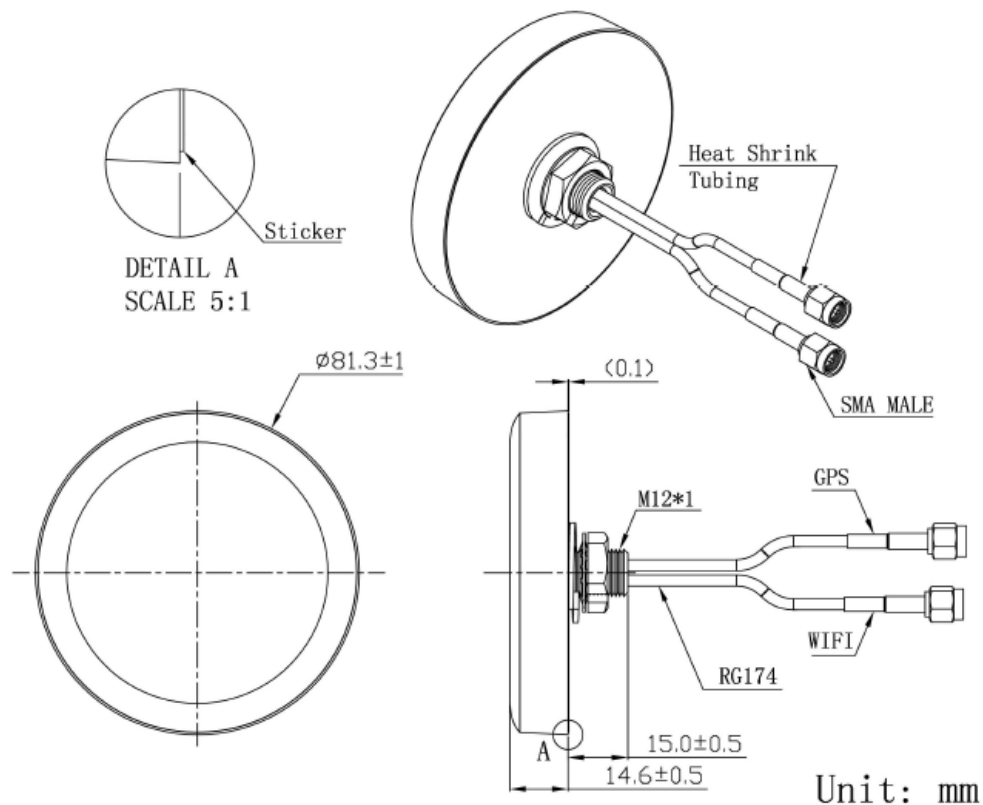


Maswell GPS+WIFI Combination Antenna Screw Mount

AN_GPS_WF_046



Mechanical dimension



Maswell GPS+WIFI Combination Antenna Screw Mount

Specifications

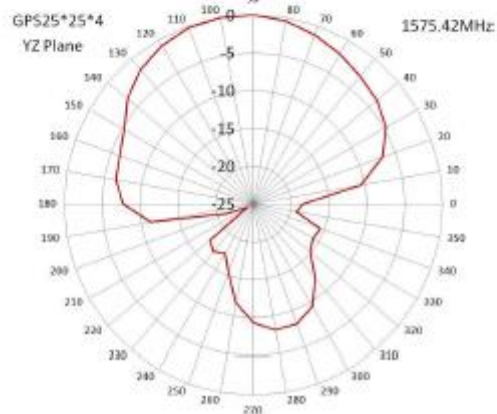
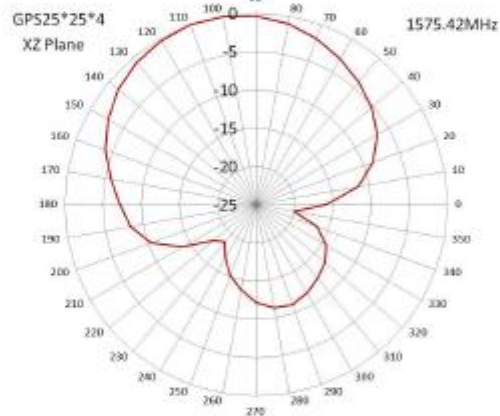
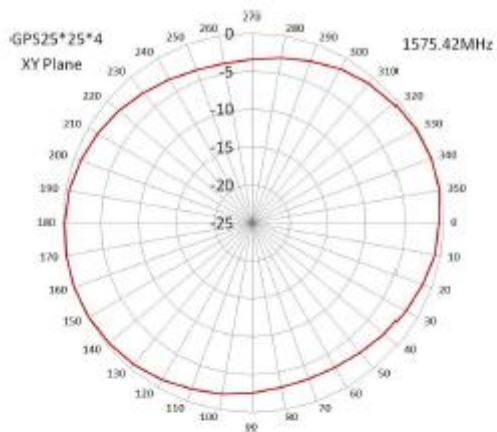
项目		规格
GPS Antenna	Dielectric Antenna	Center Frequency
		1575.42±3MHz
		Band Width
		CF±5MHz
		Polarization
		RHCP
		Gain
		2dBic(Zenith)
	LNA	V.S.W.R
		<1.5
		Impedance
		50Ω
		Axial Ratio
		3dB (max)
WIFI Antenna		Gain
		28±2dB
		Noise Figure
		<1.5dB
		V.S.W.R
		<2.0
Mechanical		Supply Voltage
		2.2~5V DC
		Current Consumption
		<15mA
		Frequency Range
		2400~2483.5MHz/4900~5825MHz
Environmental		Polarization
		Linear
		Gain
		3.0dBi (Zenith)
		V.S.W.R
		<2.0
		Impedance
		50Ω
		Cable
		RG174
		Connector
		SMA or others
		Material
		ABS
		Mounting Method
		Screw
		Frequency Range
		2400~2483.5MHz/4900~5825MHz
		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

Maswell GPS+WIFI Combination Antenna Screw Mount

Radiation Patterns

GPS Part Pattern

GPS Antenna



Maswell GPS+WIFI Combination Antenna Screw Mount

Radiation Patterns

WIFI part Pattern

