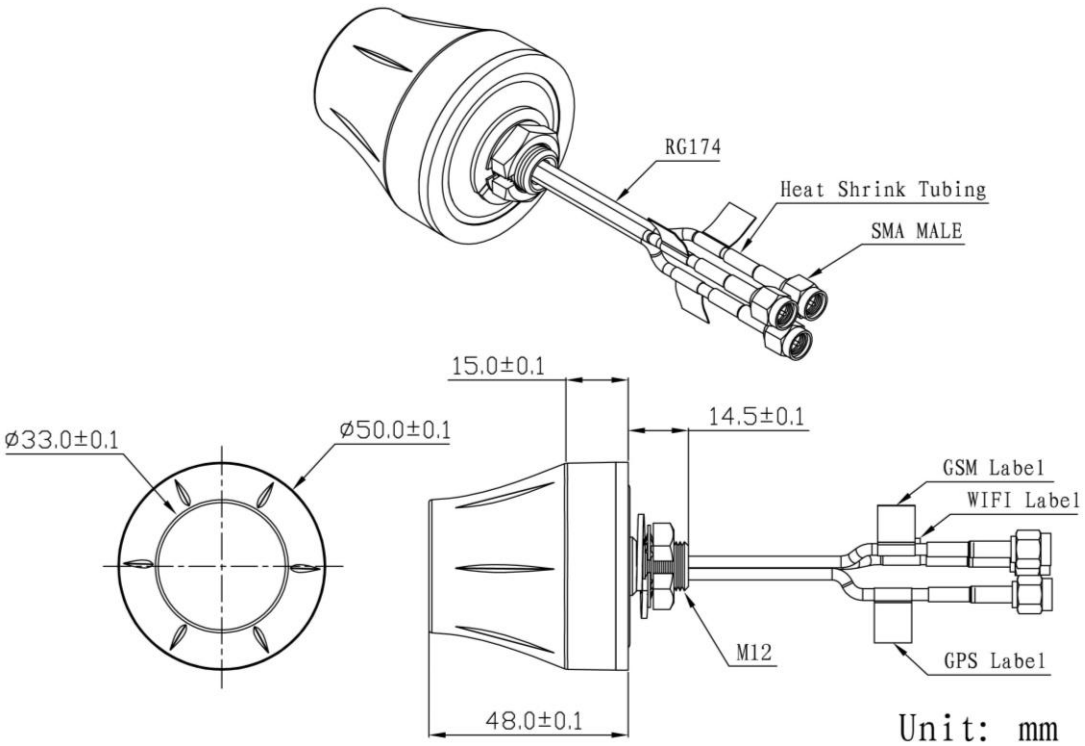
GPS+GSM+WIFI Combination Antenna

JCE058





DIMENSIONS



Jinchang Electron Global Service

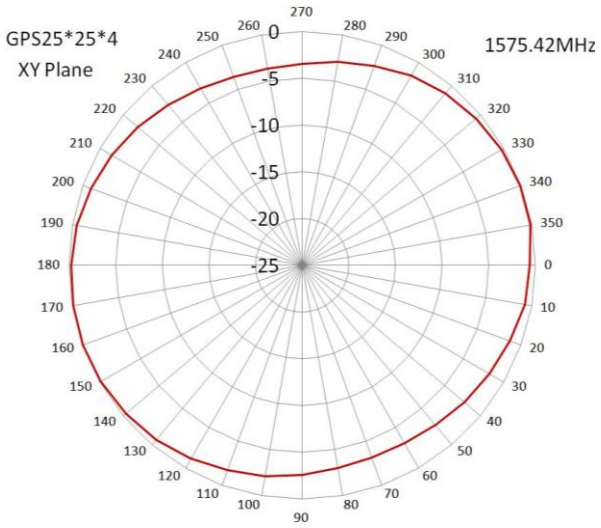
SPECIFICATIONS

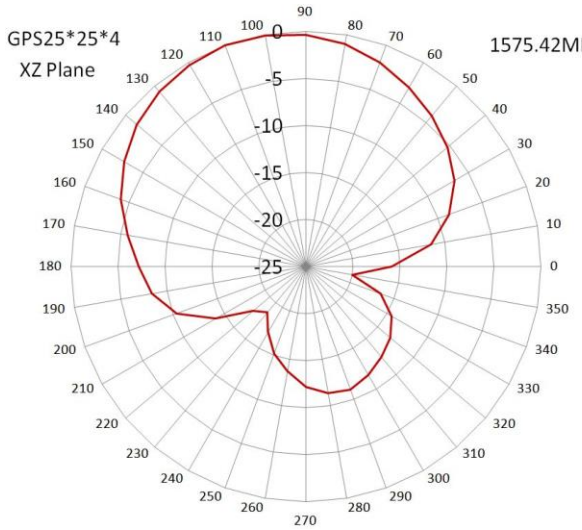
Item			Specifications
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±1MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic（Zenith）
		V.S.W.R	＜1.5
		Impendance	50Ω
		Axial Ratio	3dB（max）
	LNA	Gain	28±2dB
		Noise Figure	＜1.5
		Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
		V.S.W.R	＜2.0
		Supply Voltage	2.2~5V DC
		Current Consumption	5~15mA
GSM Antenna		Frequency Range	824~960MHz/1710~2170MHz
		V.S.W.R	＜2.0
		Polarization	Linear
		Gain	2.0dBi
		Impendance	50Ω
WIFI Antenna		Frequency Range	2400~2483.5MHz
		Band Width	83.5MHz
		Polarization	Linear
		Gain	3dBi
		V.S.W.R	＜2.0
		Impendance	50Ω
Mechanical		Cable	RG174
		Connector	SMA/MCX/FAKRA or others
		Material	ABS
		Mounting Method	Screw
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%

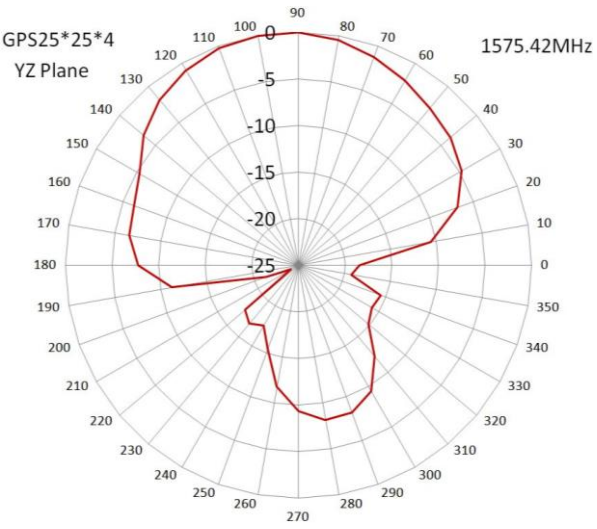
	Ingress Protection	IP67 (exclude cable outlet)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

Radiation Pattern

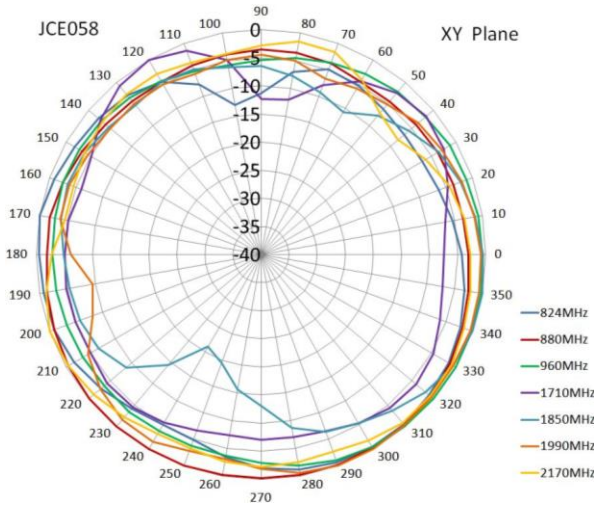
GPS Antenna

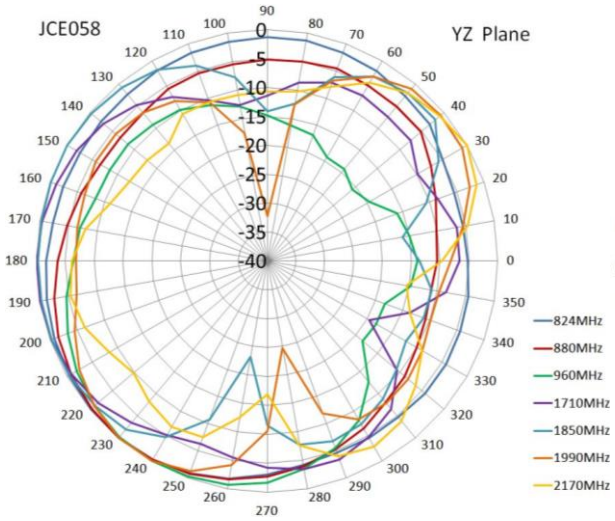


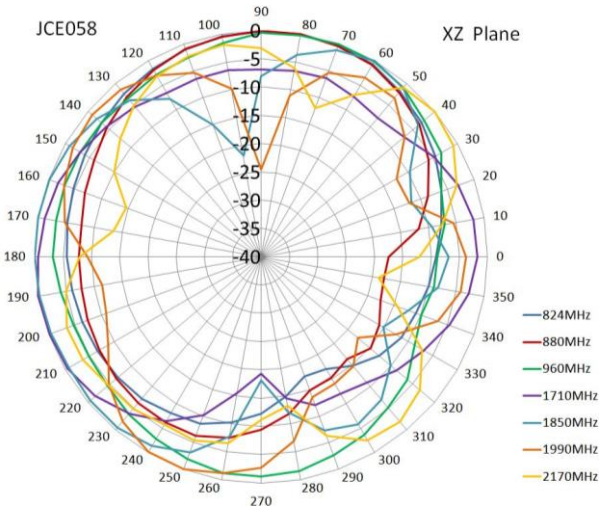




GSM Antenna


JCE058
XY Plane
824MHz
880MHz
960MHz
1710MHz
1850MHz
1990MHz
2170MHz


JCE058
YZ Plane
824MHz
880MHz
960MHz
1710MHz
1850MHz
1990MHz
2170MHz


JCE058
XZ Plane
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2170MHz

WIFI Antenna

