

Anray Communication Technology CO.,LTD

Anray170620351GG01

GPS+GLONASS+LTE/GSM Active Combination Antenna

- 1590±25MHz ;
704~787MHz/824~894MHz/1710~2170MH Band Antenna



Specifications

• GLONASS ANT

Frequency Band	1590±25MHz
V.S.W.R	<1.8
Gain (Max)	5 dBi
Polarization	LHCP, Linear
Impedance	50 Ω
Cable	White/RG174/724 ±10mm

• LNA

LNA Gain	28±2 dB
Noise Figure	<1.5 dB
Ex-band Attenuation	12 dB Min f0+50MHZ 16 dB Min f0-50MHZ
V.S.W.R	<2.0
DC Voltage	3.3V

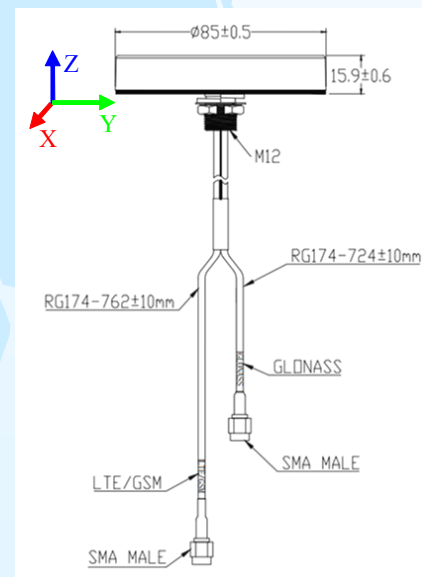
• GSM ANT

Frequency Range	704~787MHZ 824~894MHZ 1710~2170MHZ
V.S.W.R	<2.5
Gain	0±2dBi
Polarization	Linear
Impedance	50 Ω
Cable	White/RG174/762±10mm

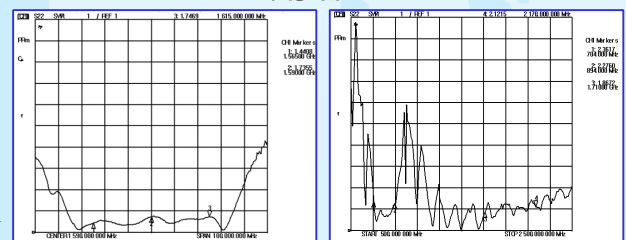
• Mechanical

Connector	SMA straight male
Radome Material	ABS
Weight	113 ±6g
Operation Temperature	-40~+85°C
Waterproof	IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
Mounting Method	Screw

• Dimensions (Unit: mm)

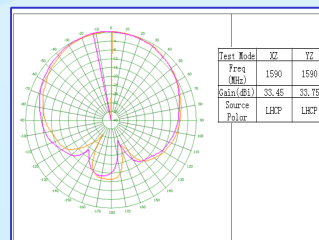


VSWR

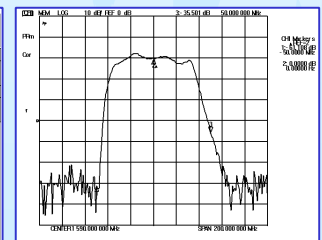


GLONASS

GSM



2D Radiation Pattern For GLONASS



Out of Band Rejection GLONASS

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