V.TORCH
Electronics Limited

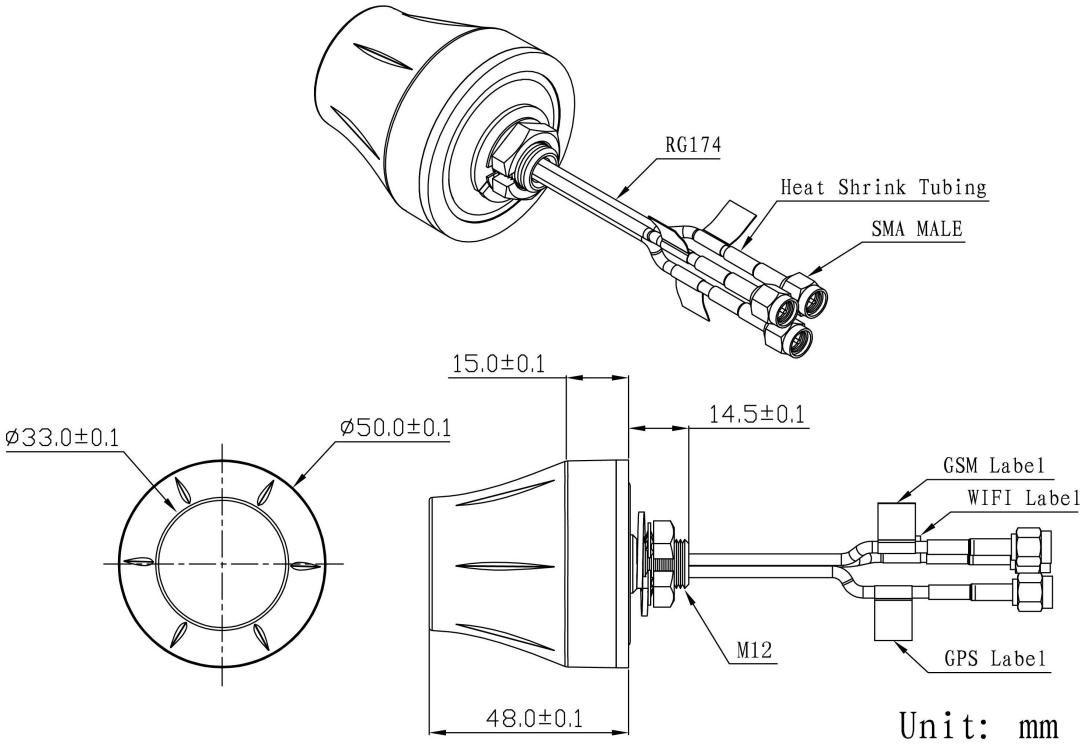
GPS/GLONASS+GSM/3G/4G/LTE+WIFI Combination Antenna

VTGGLW-1





DIMENSIONS



Unit: mm

www.v-torch.com Tel: 86-755-8363 5090 Fax: 86-755-8950 7007

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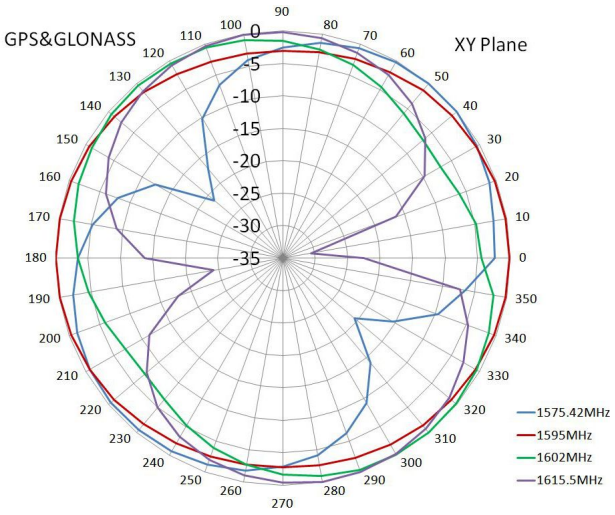
SPECIFICATIONS

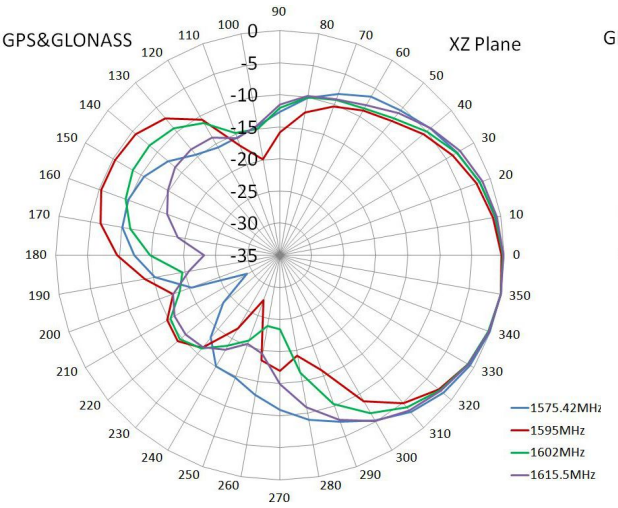
Item			Specifications
GPS/GLONASS Antenna	Dielectric Antenna	Center Frequency	L1:1575.42±1MHz　L2: 1592
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	5dBic（Zenith）
		V.S.W.R	＜1.5
		Impendance	50Ω
		Axial Ratio	3dB（max）
	LNA	Gain	28±2dB
		Noise Figure	＜1.5
		Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
		V.S.W.R	＜2.0
		Supply Voltage	2.2~5V DC
		Current Consumption	5~15mA
GSM/3G/4G/LTE Antenna		Frequency Range	694~960/1710~2655MHz
		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℃

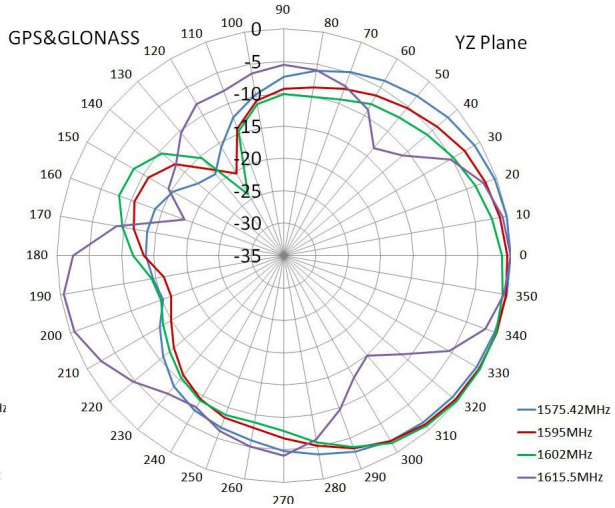
	Relative Humidity	Up to 95%
	Ingress Protection	IP67 (exclude cable outlet)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

Radiation Pattern

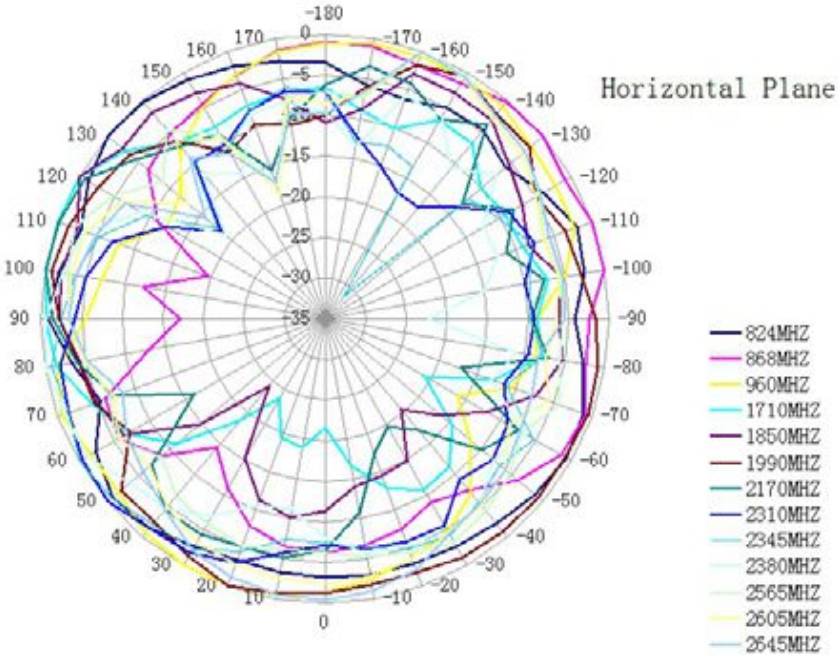
GPS/GLONASS Antenna

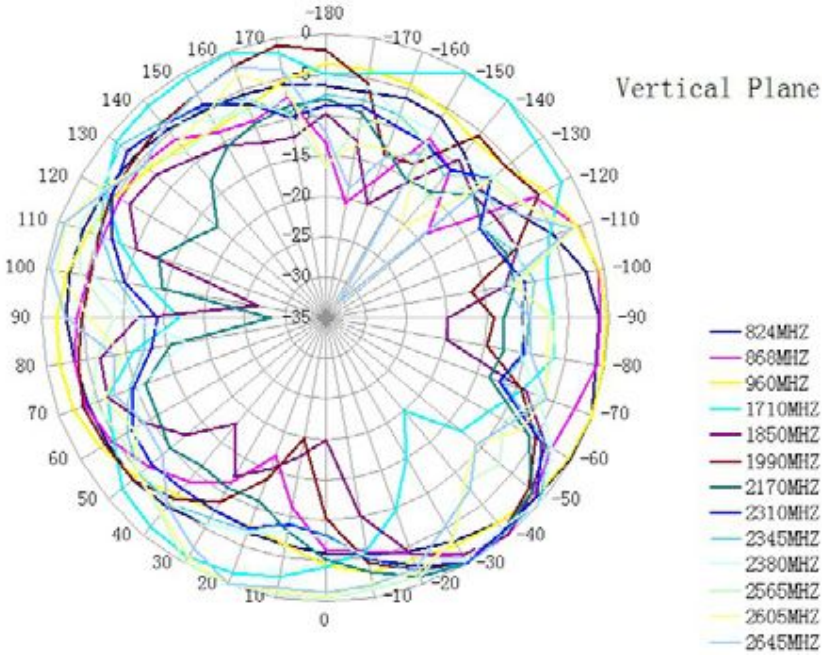






GSM/3G/4G/LTE Antenna





WIFI Antenna

