

## Specification

### GPS

Frequency Range	GPS : 1575.42MHz±4 MHz
V.S.W.R	1.5:1
Band Width	> 8 MHz for GPS
Impedance	50 ohm
Gain	5dBic Based on 7×7cm ground plane
Polarization	RHCP
Connector	SMA (m)

### Antenna LNA

Frequency Range	1595MHz±23MHz
Output V.S.W.R	2.0 max
DC Voltage	2.8-5.0V
Impedance	50 ohm
Gain	30dB
Noise Figure	1.5 max

### GSM

Frequency Range	806MHz-960MHz 1710MHz-2170MHz
V.S.W.R	2:1
Impedance	50 ohm
Gain	-1.0dBi@900MHz 1.0dBi@1800MHz
Azimuth	Omni-directional
Polarization	Linear Polarization
Connector	FME (f)

### Material / Environment condition

Both cables	RG-174
Length of cables	3m
Working temp.	-40°C~+80°C
International Protection	IP66
Dimensions	76.8mm x 15.8mm

