

**Electrical Specifications**



**1. ANTENNA**

Parameters	Specification	Unit
Frequency Range	1575.42 ± 3.00 1602.5625 ± 3.00	MHz
Peak Gain, min	5 @ 1575 MHz 4 @ 1602~1616 MHz	dBic
Gain Coverage (over 75% volume), min	-4 @ -90° ~ +90°	dBic
VSWR	1.5	-
Bandwidth @-10dB, min	± 50	MHz
Impedance	50	Ω
Power Handling	1	W
Polarization	RHCP	-
Operating Temperature Range	-40 ~ +85	°C
Storage Temperature Range	-45 ~ +85	°C

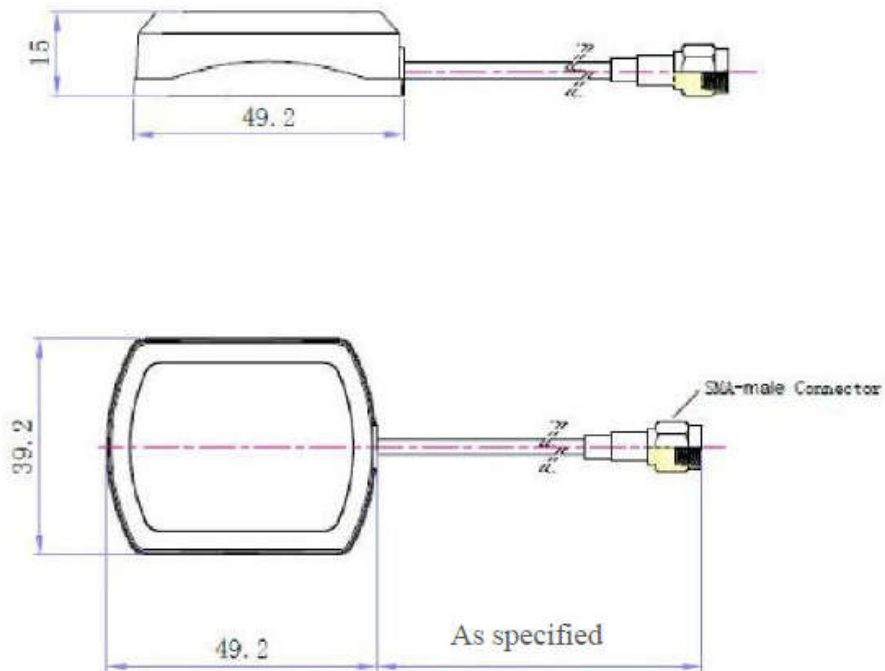
**2. LNA**

Parameters	Specification	Unit
LNA Gain (without cable), typ	32	dB
Noise Figure	1.5	dB
VSWR, max	2	-
DC Voltage	2.7 / 3.0 / 3.3 / 5.0	V
DC Current, max	11	mA

**Mechanical Specifications**

Parameters		Specification	Unit
Dimensions		49 x 39 x 15	mm
Connector		SMA Male	-
Cable	Type	RG174	-
	Length	3	m
Mounting		Magnetic base	-
Color		Black	-
Weight, max		110	g

**Dimensions**



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