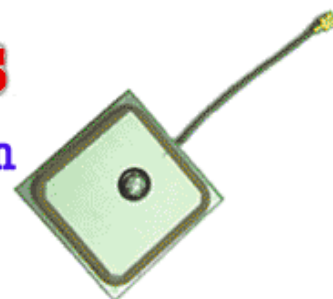


ONSHINE G.P.S. Antenna ANT-555

GPS ACTIVE ANTENNA



4 rubbers
protect your car from
scratching!!



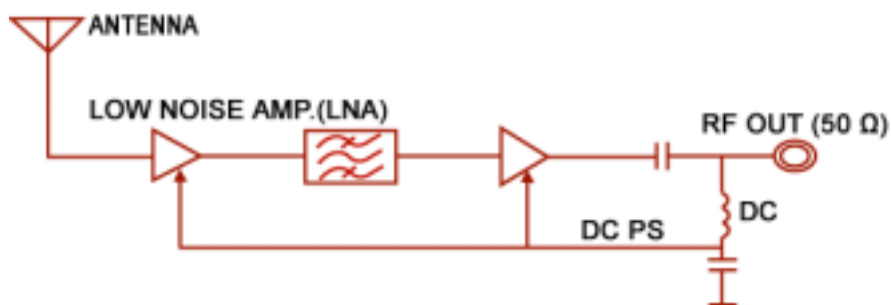
■ Features

- High Gain and Low Noise Figure
- Ultra Low Power Consumption
- Varied Cable Length and Connectors are available
- Compact Construction
- Excellent Temperature Stability
- Magnetic Mount Base

■ Application

- Car Navigation System
- Hand-held GPS system

■ Block Diagram



■ Specifications

Patch Antenna

Type	
Frequency	1575.42MHz +/-3MHz
Ground Plane	70×70mm
Bandwith(at10dB return loss)	10MHz min
Gain at Zenith	+4.5dBi typ
Axial Ratio	3.0 dB max
VSWR	1.5 dB max
Impedance	50 Ω
Operating Temperature	-40 ~+85

LNA

Type	
System Gain without cable	27 dB typ @2.7V(+25)
Noise Figure	1.5 dB typ (+25)
Output VSWR	2.0 dB max
Out of band rejection	Fo = 1575.42 MHz
	Fo ± 50 MHz 25db typical
	Fo ± 100 MHz 35db typical
Voltage	2.7V~5V
Current Consumption	8 mA typical@2.7V
Cable Length	RG-174-2, 3 , 5.. meters
Connector	SMA , MCX , MMCX...
Operating Temperature	-40 ~+85

Others

Type	
Dimension	L: 46mm W:46mm H:13.7mm
Weight	80.0g (Cable Length 2M)
Recommended Storage Condition	Temperature -20 to 45
	Humidity 80% max
Waterproof	100% waterproof
Plastic color	Black

