

## Model: ZDAGPS1503GSM801902

### 1575.42MHz±3MHz GPS Antenna

#### Product Profile

##### ☐ Dielectric antennas

Center Frequency	1575.42MHz±3 MHz
V.S.W.R	1.5:1
Band Width	±5 MHz
Impedance	50 ohm
Peak Gain	„3dBic Based on 7×7cm ground plane
Gain Coverage	„-4dBic at -90° f0 f+90°(over 75% Volume)
Polarization	RHCP

##### ☐ GSM antennas

Center Frequency	824MHz~960MHz G 1710MHz~1990MHz
V.S.W.R	2.0:1
Impedance	50 ohm
Typical Gain	2dBi±1dB at 900MHz 1dBi±1dB at 1800MHz

##### ☐ LNA/Filter

LNA Gain(Without cable)	28dB Typical
Noise Figure	1.5dB
Filter Out Band Attenuation (f0=1575.42 MHz)	7dB Min f0±20MHz 20dB Min f0±50MHz 30dB Min f0±100MHz
V.S.W.R	f2.0
DC Voltage	2.7V/3.0V/3.3V/5.0V/3.0 @to 5.0V or other
DC @current	5mA C 10mA Max

##### ☐ Mechanical

Weight	f130gram
Size	72×60×13mm
Cable	RG174 3 meters or other
Connector	SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX
Mounting	Sticking
Housing	Black



## ☐ Environmental

Working Temp	-40jæ~+85jæ
Vibration Sine sweep	1g(0-p)10~50~10Hz each axis
Humidity	Humidity95%~100%RH
Weatherproof	100%Waterproof



Humidity @ @ @ @ @ @ @ @

Humidity95%~100%RH

Weatherproof @ @ @ @ @ @100%Waterproof