



Dielectric Antenna

Center Frequency	1575.42MHz±3MHz
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°<0<+90° (over 75% Volume)
Polarization	RHCP

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	<2.0
DC Voltage	2.7V/3.0V/3.3V/5.0V/3.0V~5.0V/other
DC Current	5mA/11mA/15mA Max

Mechanical

Weight	<140gram
Size	140×65×65mm
Cable	RG174
Connector	SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX/other
Mounting	Magnetic/Screw mount
Housing	Black

Environmental

Working Temp	-40°C~+85°C
Storage Temp	-45°C~+100°C
Vibration	Sine sweep 1g(0-p)10~50~10Hz each axis
Humidity	Humidity95%~100%RH
Weatherproof	100%Waterproof