

GPS Active External Antenna Specification



Frequency Range	1575.42Mhz
V.S.W.R	1.5:1
Bandwidth	+/-5Mhz
Input Impedance	50ohm
Peak Gain	>3dBic Based on 7×7cm ground plane
Gain Coverage	>-4dBic at $-90^{\circ} < 0 < +90^{\circ}$ (over 75% Volume)
Polarization	RHCP
LNA Gain (Without cable)	28DB
Noise Figure	1.5DB
Filter Out Band Attenuation (f0=1575.42 MHz)	7dB Min f0+/-20MHz 20dB Min f0+/-50MHz 30dB Min f0+/-100MHz

VSWR	≤2.0:1
DC Voltage	3-5V
DC Current	Max 10mA
Antenna Size	50.5*50.5*15mm
Cable length	1m/2m/3m/5m or other
Connector Type	SMA/MCX/MMCX/SM/BNC/FAKRA etc.
Antenna Color	Black
Antenna Mounting	Magnetic
Storage Temperature	-30°C to +75°C
Weatherproof	100% Waterproof

Size drawing

