

GPS CASED ANTENNAS



C type

Dimension: 42(L) x 36(W) x 13(H) mm



A type

49(L) x 39(W) x 16 (H) mm

I Patch Antenna Specification

Center Frequency	1575.42MHz ± 3 MHz	
V.S.W.R	1.5:1	
Band Width	± 5 MHz	
Attenuation	Center Frequency ± 100MHz > 30dB	
Impedence	50 ohm	
Peak Gain	> 3dBic	Based on 7 × 7cm ground plane
Gain Coverage	> -4dBic at -90 ° < 0 < +90 ° (over 75% Volume)	
Polarization	RHCP	

II LNA Specification

LNA Gain (Without cable)	27dB	Typical
Noise Figure	1.5dB	
V.S.W.R	< 2.0	
DC Voltage	3V~5V Optional	

DC current	15 MA Max
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III Mechanical Specification

Weight	< 100 gram
Cable	RG174 5 meters long Optional
Connector	SMA, SMB, MCX, MMCX... Optional
Mounting	Magnetic base
Housing	Black

V Environmental Specification

Working Temp	-40°C~+85°C
Storage Temp	-40°C~+100°C
Vibration	Sine sweep 1g(0-p) 10~50~10Hz each axis
Humidity	95%~100%RH
Waterproof	100% Waterproof