

MANUAL



GPS/GLONASS/Beidou ANTENNA

151000-37



SPECIFICATIONS

1) Antenna	
Frequency	L1:1575.42MHz±5 MHz L1:1610MHz±8MHz B1:1561MHz±2 MHz
V.S.W.R	1.5:1
Band Width	10 MHz for GPS 20 MHz for glonass > 20 MHz for Beidou
Impedance	50 ohm
Polarization	R.H.C.P
LNA Gain(w/o cable)	4.5dBic Based on 7×7cm ground plane
2) LNA	
Frequency Range	1595MHz±25 MHz B1:1561MHz±2 MHz
DC Voltage	3-5V
Gain (Typical)	29dB (Without cable +25°C±10°C)
Output VSWR (Typical)	2.0
Noise Figure (Typical)	1.6(+25°C±10°C)
DCcurrent (Typical)	12mA(At3.0V)
3) Mechanical	
Size	43*35*14mm
Mounting	adhesive
Housing	Black
Package	120*95*20mm
Cable	RG174, 3m
Connector	SMB connector
4) Environmental	
Working Temp.	-40°C~+85°C
Humidity	55%~75%RH
Waterproof	IP67~IP68