



GPS L1/L-band/Beacon

p/n 30-597127-02

This antenna is designed to help maintain tracking of GPS, Beacon and differential correction signals in challenging environments. Sometimes keeping the antenna level and away from electrical noise is just not possible. With improved multi-path mitigation and ability to filter out an additional 30 decibels of radio band frequencies, GPS L1/L-band/Beacon antenna offers superior noise rejection. The Antenna GPS L1/L-band/Beacon is designed for use with ArWest L-Band/Beacon receivers.

GPS L1/L-band/Beacon

GNSS Sensor	
GNSS Reception	GPS, SBAS, L-Band and Beacon
GNSS Frequency	1.575 GHz (L1)
LNA Gain	30 dB
LNA Noise	< 2.0 dB
Beacon Sensor	
Beacon Frequency	283.5 - 325 KHz
Beacon LNA Gain	30 dB
L-Band Sensor	
L-Band Frequency	1.525 - 1.585 GHz
L-Band LNA Gain	30 dB
Power	
Input Voltage	5 to 12 VDC
Input Current	50 - 60 mA
Mechanical	
Enclosure	Lexan
Mount	1" coarse thread (5/8" adapter available)
RF Connector ironmental	TNC
Environmental	
Operating Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Enclosure Rating	IP69K
Shock and Vibration	EP455
Humidity	96% non-condensing

Specifications are typical and subject to change without prior notice