



L1GPSA-N

Technical Product Data

L1 GPS Active Antenna



The L1GPSA-N GPS antenna is a 38db Gain Antenna designed specifically for the GPS L1 carrier frequency. The L1GPSA-N is powered by 5VDC it receives on the center conductor.

Contact GPS Networking or your Local Dealer for Prices!

Specifications: L1GPSA-N

ELECTRICAL

Operating Frequency	L1 1575.42 MHZ +/- 1.023 MHz (typical)
VSWR	1.5:(typical)
Impedance	50 OHMS
Polarization	Right-hand Circular
Axial Ratio	3db (typical)
Power Handling	1 Watt
Gain	3.0dBi (typical) -10dBi min. @ 0 degrees elevation

LOW NOISE AMPLIFIER

Gain	38db
Noise Figure	1.8db
Supply Voltage	5VDC +/- 0.5VDC
Current	20mA (typical)

MECHANICAL

Weight	300 grams
Dimensions	Diameter 90x 98..4 H mm
Mounting	Pole Mount (Optional)
Connector	N-Type

ENVIRONMENTAL

Temperature	-40C to +85C
Humidity	40 to 95 % RH (Below Dew Point)