

**Product Name :**  
Differential GPS Receivers

**Product Code :**  
NLAB-SCIENTIFICIND12002



**Description :**

Differential GPS Receivers

**Technical Specification :**

With the highest accuracy ever for detailed survey At least with a precision of 10mm

GENERAL FREQUENCY: L1, 1575.42 MHz

C/A CODE: 1.0023 MHz chip rate

CHANNELS: 12

MAIN POWER: +5 VDC +/- 5%, 180mA typical

ACCURACY POSITION: 82' CEP without SA

VELOCITY: 0.3' /second, without SA

TIME: 1 microsecond synchronized to GPS time

DGPS ACCURACY POSITION: 3-16 feet, typical

VELOCITY: 0.16 feet/second, typical

ACQUISITION RATE REACQUISITION: 0.1 second average

HOT START: 8 seconds average

WARM START: 38 seconds average

COLD START: 48 seconds average

DYNAMIC CONDITIONS ALTITUDE: 60,000 feet max.

VELOCITY: 1000 knots/second max. A

CCELERATION: 4g, max JERK 66 feet / second max.

SERIAL PORT ELECTRICAL INTERFACE: Two receive and one transmit

## Naugralabequipments

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