



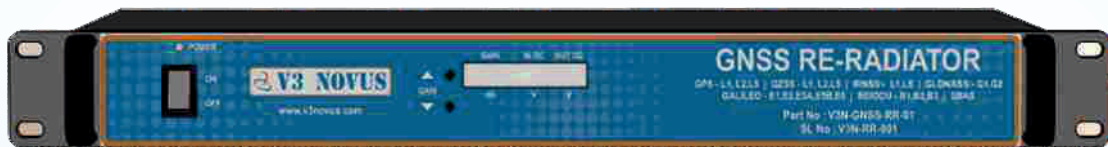
INDOOR GNSS SOLUTION

GNSS Re-Radiator

V3N-GNSS-RR

Having Problem With Indoor GNSS?

Our GNSS re-radiator solution will solve your indoor GPS problems to test GPS or GNSS Based devices at R&D, testing or production floors. We are creating a virtual sky to test GPS functionality deep indoor.



FUNCTIONAL DESCRIPTION

GNSS Re-Radiator operates by receiving GPS/GLONASS/Beidou2/IRNSS satellite signals with an antenna located at the Roof top outside of the building (To open Sky view), with Lightning Protector and In-line amplifier, which is used to Protect Co-axial cable and Boost the signal strength, Received signals send to the GNSS Re-Radiator, Re-Radiator Amplified Signals and Split into different Channel using Splitter (ex.4/8/16/32/64 channels). Using LMR 240 cable up to 40 meter length, Each channel can transmit with same signal strength through Different Passive antenna which can cover around 5~10 meter Radius.

TYPICAL APPLICATION

- Mobile Phone Testing
- Vehicle Tracking testing
- GPS Hand Held Testing
- Car navigators Testing
- Military Equipment testing @ indoors
- Dashboard Testing
- Survey product
- Aviation Han ar
- Public Transportation



ROOF ANTENNA

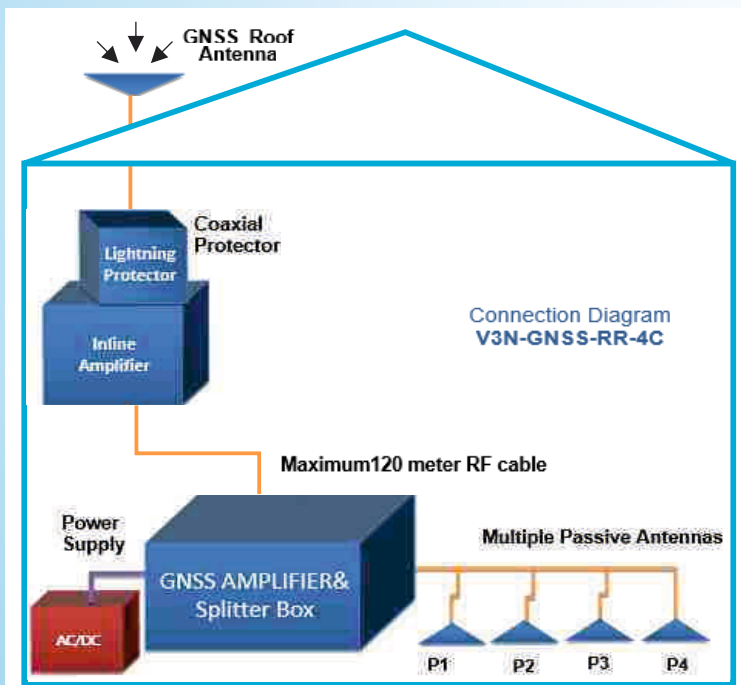


PASSIVE ANTENNA



TECHNICAL CHARACTERISTICS

1. Digital gain display: LED digital display shows current amplifier gain.
2. Touch-tone gain adjustment: upper and lower key, we can adjust the gain.
3. Power control: Toggle the power switch, easy control power supply state.
4. Serial command control.
5. GNSS re-radiator device will support for below frequencies
 - GPS: L1 / L2 / L5
 - GLONASS: L1 / L2 / L3
 - BeiDou: B1 / B2 / B3
 - QZSS: L1 / L2 / L5
 - Galileo: E1 / E1a / E5a / E5b / E6
 - IRNSS: L5, SBAS
6. The device features 0-30dB gain and a noise figure less than 3dB.
7. LMR 240 Cable used to connect Passive antenna up to 40 meter.
8. LMR 400 Cable used to connect From Roof Top antenna to Device maximum 120 meter.



ORDER FOR BELOW PART NO.

- ➔ V3N-GNSS-RR-04 (4 Channel Re-Radiator)
- ➔ V3N-GNSS-RR-08 (8 Channel Re-Radiator)
- ➔ V3N-GNSS-RR-16 (16 Channel Re-Radiator)

ALSO 32 AND 64 CHANNEL AVAILABLE

