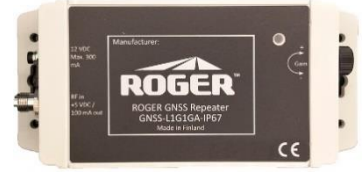




ROGER-GPS Repeater (GNSS-L1G1GA-IP67)



A single ROGER-GPS Repeater is enough to provide a GPS L1 (1.57542 GHz), Glonass G1 (1.602 GHz), and Galileo E1 (1.57542 GHz) indoor signal coverage area of ~ 10,700 ft² and a distance of up to 164 ft. from the repeater center. Mount the external antenna on the roof of the building and connect the cable supplied with the kit to the antenna and to the repeater installed indoors.

Connect the power supply unit to the repeater, adjust the repeater's transmission power according to the local conditions, to prevent a signal loopback, and indoor GPS coverage is immediately available.

Several ROGER-GPS Repeater Packages can be installed in the same building. Alternatively, the signal coverage provided by a single package can be extended with ROGER-GPS Accessories, such as line amplifiers and signal splitters.

WHAT'S IN THE BOX

- ROGER-GPS Repeater unit (GNSS-L1G1GA-IP67)
- Manual



| TECHNICAL SPECIFICATIONS | | |
|--------------------------|--|---|
| Frequency | 1.57542 GHz, 1.602 GHz | GPS L1 and Galileo E1 (1.57542 GHz), Glonass G1 (1.602 GHz) |
| Size | 7.87 x 3.5 x 1.53 inches (200 x 89 x 39mm) | |
| Weight | 10.22 ounce (290 g) | |
| Overall Gain | > 40 dB | |
| Noise Figure | < 2 dB | |
| Adjustable attenuation | 0 - 40 dB | |
| Impedance | 50 Ω | |
| Input connector | TNC-female | |
| Operating temperature | -13 to 131°F (-25 to + 55°C) | |
| Power supply | +12VDC, 300mA | Power supply not included |
| Antenna power output | +5VDC, 100mA | |
| TX antenna gain | +4 dBd, RHCP polarization | |
| Type Approval | CE 1986 (!) R&TTE Directive (Directive 199/5/EC) | |

High Tech Products – Outstanding Service

gnss-l1g1ga-ip67_steffes