

GNSS-L1G1GA-IP67, GNSS repeater

ROGER GALILEO/GPS/GLONASS repeater operates by receiving satellite signals with an antenna located outside the building and re-radiating the signals to the indoor area or covered space.

Use of re-radiated signals indoors means that GALILEO/GPS/GLONASS receiver is tracking the current status and signal from the satellites. When a GALILEO/GPS/GLONASS receiver is moved from covered area to outdoors and vice versa, the receiver is instantly tracking the location instead of time consuming acquisition.

Key Features

- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Instant GALILEO/GPS/GLONASS fix when moving indoors and outdoors
- Full product family with repeaters, amplifiers and splitters

Technical information

Frequency: GPS L1 (1.57542 GHz), GALILEO E1 (1.57542 GHz), GLONASS G1 (1.602 GHz)

Size: 200*89*39 mm

Weight: 290 g

Overall Gain: > 40 dB

Adjustable Gain: 0-40 dB

Impedance: 50 Ohm

Input connector: TNC-female

Operating temperature: - 40 - +75 °C

Power supply: +12VDC/300mA

Indoor coverage: up to 50 meters

Antenna power output: + 5 VDC, 100 mA

TX antenna gain: max. +4dBd, RHCP polarized

