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GNSS-L1L2-67D1, GPS L1L2 repeater

ROGER GPS L1/L2 repeater operates by receiving GPS L1/L2 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 means that GPS L1/L2 receiver is tracking the current GPS status meaning that when a GPS receiver is moved from covered area to outdoors, the receiver is instantly tracking the location instead of time consuming acquisition of GPS data.

Key Features:

- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Instant GPS L1/L2 fix when moving outdoors
- Full product family with repeaters, amplifiers and splitters
- Both GPS L1 and L2 signals in one box

Technical information:

Frequency: GPS L1 (1.57542 GHz), GPS L2 (1227.60 MHz)
Size: 244*165*64 mm
Weigth: 165 g
Overal Gain: > 40 dB
Adjustable Gain GPS L1:0-40 dB
Adjustable Gain GPS L1:0-40 dB
Impedance: 50 Ohm
Input connector: TNC-female
Operating temperature: - 25 - +55 °C
Power supply: +12VDC/300mA
Indoor coverage: upto 50 meters
Antenna power output: + 5 VDC, 100 mA
TX antenna gain: max. +4dBd, RHCP polarisized