

Roger GNSS Easy Package GNSS-EP

Key Features

With easy package everything is easy. Mount the magnet patch antenna outdoors with good line of sight to satellites and connect the cable from antenna 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 L1/ GALILEO E1/GLONASS G1/BEIDOU B1 coverage is immediately available.

A single ROGER GNSS Repeater Package is enough to provide a GPS L1/GALILEO E1/ GLONASS G1/BEIDOU B1 indoor coverage area of upto 40 meters from the repeater.

Several ROGER GNSS Repeater Packages can be installed in the same building.

The GNSS-EP package consists of:

- GNSS-L1G1GA repeater
- Mains power supply unit with a 1.8 meter cable (either EU, UK or US)
- Compact and unobtrusive magnet-attached GPS L1/GALILEO E1/GLONASS G1/ BEIDOU B1 antenna with 6 m SMAfemale-to-SMAfemale cable

Technical information:
GNSS-L1G1GA Repeater
Frequency:

Size:
Weight:
Overall Gain:
Noise Figure:
Adjustable attenuation:
Impedance:
Input connector:
Operating temperature:
Current consumption:
DC input:
Antenna power output:
TX antenna gain max:

GALILEO E1 (1.57542 GHz)
GPS L1 (1.57542 GHz)
GLONASS G1 (1.602 GHz)
BEIDOU B1 (1.5611 GHz)
110*143*28 mm
165 g
> 40dB
< 2dB
0-40dB
50Ω
SMA-female
-25 - +55°C
300mA
12 VDC
+5VDC, 100mA
+4dBd, RHCP polarization



Antenna: Magnet attached antenna. Cable 6 meters.