

Roger GNSS Basic Package

GNSS-L1G1GA-BP

Key Features

A single ROGER GNSS Repeater Package is enough to provide a GPS/GLONASS/GALILEO indoor coverage area of about 1000 square meters and a distance up to 50 meters 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 other end 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/GLONASS/GALILEO coverage is immediately available.

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



Technical information:
GNSS-L1G1GA Repeater

Frequency:	GPS L1 (1.57542 GHz) GLONASS G1 (1.602 GHz) GALILEO E1 (1.57542 GHz)
Size:	110*143*28 mm
Weight:	165 g
Overall Gain:	> 40dB
Noise Figure:	< 2dB
Adjustable attenuation:	0-40dB
Impedance:	50Ω
Input connector:	SMA-female
Operating temperature:	-25 - +55°C
Power supply:	+12VDC, 1,5 A
Antenna power output:	+5VDC, 100mA
TX antenna gain max:	+4dBd, RHCP polarization

Antenna
Gain: +28 dB

Cable
Length: 20 meters

