Technical Data Sheet

GPS Networked Portable Re-Radiating Kit (PNRRKIT) - N/12/220

Brand / manufacturer	GPS Networking
Product codes	SKU: PNRRKIT

Product description

GPS networked portable re-radiating kit (PNRRKIT), model N/12/220.

Passive re-radiating antenna and re-radiating amplifier (PNRRKAMP) with external power supply.

Key benefits

- Amplifies the L1 signal from an existing roof antenna and re-radiates it into GPS-denied spaces
- 30 dB gain typical
- Antenna port passes customer-selected voltage (3.3–15 VDC); amplifier output J1 DC-blocked
- Optional variable-gain amplifier (1–30 dB) with LCD; optional mount

Typical applications

- Indoor GPS product testing
- Keeping GPS signal for emergency vehicles parked indoors

Specifications

Model	N/12/220
Gain	30 dB typical

Not included: antenna mounts and roof-antenna cable. An FCC Experimental Broadcast licence is required unless used in a shielded environment, with a re-radiating hood, or by federal/DoD personnel with spectrum manager approval.

Product information summarized from the manufacturer listing.

Information source

Russmill Safety product listing — https://www.russmillsafety.com/products/gps-networked-portable-re-radiating-kit-pnrrkit

Prepared by Russmill Safety from publicly available manufacturer information and our product listing. This is not the manufacturer's original publication. For legally required safety data, use the manufacturer's official Safety Data Sheet.

Prepared by Russmill Safety · November 2026

Supplier / distributor contact

Supplier / distributor	Russmill Safety
Store	A1 Queen’s Highway, Suite 2–3, Freeport, Grand Bahama F42190, The Bahamas
USA warehouse (fulfilment)	1526 NW 23rd Avenue, Fort Lauderdale, FL 33311
Phone	Bahamas customer service +1 242 351 7623 · USA +1 954 333 8542 · Freeport store +1 242 688 3336
Email	customerservice@russmillsafety.com (customer service) · sales@russmillsafety.com (sales enquiries)
Website	https://www.russmillsafety.com