

AN/PSN-11
Precision Lightweight Global Positioning
System Receiver

NSN: To be determined

Reference: To be determined

General Information

The precision lightweight global positioning system (PLGR) is a self-contained, hand held (man-portable or vehicle mounted) passive GPS receiver. It provides eight-digit grid coordinates with accuracy of 16 meters or less, elevation, velocity and direction of movement. It is used for targeting, reconnaissance, enroute and terminal navigation, surveying and tactical approach landing.

Technical Characteristics

Frequency:

- L1: 1575.42 MHz
- L2: 1227.6 MHz

Spread Spectrum Techniques:

- Coarse/acquisition (C/A): 1.023 MHz (L1 only)
- Precision (P) Code: 10.23 MHz (L1 & L2)

Weight:

- 275 lbs

Size:

- 70 cubic inches (9.5 x 4.1 x 2.6)

Power:

- BA-5800 (disposable lithium battery)
- Rechargeable NICAD battery
- 110/220 AC
- 9-32 V DC

BOIP:

- Down to squad level

AN/PSN-11 Precision Lightweight Global Positioning System Receiver

