

View Online at <https://aerobasegroup.com/nsn/5825-01-229-1018>

**Overall Length:**

14.000 inches

**Overall Height:**

9.000 inches

**Overall Width:**

5.000 inches

**Dc Voltage Rating:**

Between 21.0 volts and 33.0 volts

**End Application:**

Navstar global positioning system

**Joint Electronics Type Designation System Item Name:**

Receiver, radio

**Electrical Power Source Relationship:**

Self-contained

**Internal Battery Accommodation:**

Included

**Installation Design:**

Portable

**Input Frequency Rating:**

1575.420 megahertz and 1227.600 megahertz

**Receiver Emission Type:**

P3f

**Guard Channel:**

Not included

**Auxiliary Bandsread Tuning Feature:**

Not included

**Plug-in Tuning Unit:**

Not included

**Criticality Code Justification:**

Feat

**Special Features:**

Electrostatic sensitive discharge

**Functional Description:**

Will receive navigation signals via antenna from navstar satellites at 1575.42 and 1227.6 mhz; these signals shall be processed to determine user's three dimensional position, velocity, and time; unit will perform navigation functions and coordinate transformations; will provide data to and receive control inputs from external control and display device; input power will be received from a 28 vdc battery or an external vehicular power adapter

**Supplementary Features:**

Installs on ground troops pack frame fsn 8465-001-6475; hold-hook provided for vehicle installation; matl: aluminum

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T199-d