

View Online at <https://aerobasegroup.com/nsn/5895-01-321-0748>

**Overall Length:**

19.600 inches

**Overall Height:**

7.500 inches

**Overall Width:**

7.600 inches

**Ac Voltage Rating:**

115.0 volts

**Frequency Rating:**

Between 47.0 hertz and 440.0 hertz

**End Application:**

Milstar

**Electrical Power Source Relationship:**

Operating

**Transmitted Signal Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Received Signal Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Modem Type:**

Channel

**Circuit Quantity:**

3

**Carrier Frequency:**

84.0 kilohertz receiving and 84.0 kilohertz transmitting

**Criticality Code Justification:**

Feat

**Phase:**

Single

**Special Features:**

Hardness critical item/electrostatic discharge sensitive

**Supplementary Features:**

Shelf mounted; provides modulation/demodulation processing for both themilstar airborne and ground uhf terminals; modem is full duplex that interfaces with the receiver/transmitter arc-171-1h at an intermediate frequency of 70 mhz; forced air cooling provided by mounting base

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T187-d