

View Online at <https://aerobasegroup.com/nsn/5821-01-065-1677>

**Overall Length:**

16.500 inches

**Overall Height:**

7.000 inches

**Overall Width:**

9.500 inches

**Ac Voltage Rating:**

115.0 volts

**Frequency Rating:**

400.0 hertz

**End Application:**

Afsatcom ii

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

Receiver transmitter

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

Rt-126 (v)3/arc-171x(v)

**Electrical Power Source Relationship:**

Operating

**Transmitter Channel Quantity:**

7000

**Receiver Channel Quantity:**

7000

**Power Output:**

Between 30.000 watts and 100.000 watts

**Installation Design:**

Airborne

**Input Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Output Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Transmitter Emission Type:**

F1 and a3 and a9b

**Receiver Emission Type:**

F1 and a3 and a9b

**Vehicle For Which Designed:**

Aircraft

**Phase:**

Three

**Special Features:**

Oper temp 71 degrees c; 0 to 70, 000 ft altitude

**Functional Description:**

Functions independently in am mode for line-of-sight communications & in conj with ext modems for satellite use; uhf capability for afsatcom sys

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T199-d