

View Online at <https://aerobasegroup.com/nsn/6625-01-448-7516>

**Circuit Current For Which Designed:**

Ac

**Overall Length:**

19.750 inches

**Overall Height:**

22.750 inches

**Overall Width:**

18.000 inches

**Frequency Rating:**

60.0 hertz

**End Application:**

An/alq-161, b1-b aircraft

**Indicator Type:**

Digital display

**Installation Design:**

Cabinet or rack

**Display Type:**

Light emitting diode

**Display Digit Quantity:**

4

**Measurement Range:**

+0.1 to 1000.0 watts single indicator single range

**Accuracy Rating:**

Porm 1 pct full scale single indicator single range

**Special Features:**

Raytheon calls this a digi-cal calorimeter; includes 10 ft interconnecting electrical cable and 2 water hoses; safety indicators for water flow, reservoir water level, temp & visual flow rate; readout in avg kilowatts

**Functional Description:**

Direct microwave measurements made by converting microwave energy to caloric energy using coniuous flow distilled water as absorbing medium; resultant increase in water temp is sensed by thermopile that c/o a series of thermocouple junctions placed in inlet andexhaust flow streams; performance check uses rf substitution method

**Style Designator:**

D1 rectangular or square

**Supplementary Features:**

5 sets of waterload/heaters p/n cjr50-hp-1, cjd2000-hp-1, cjb2000m-hp-1, wrd475d-hp-1; wrd750b-hp-1

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A310a0