

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