

View Online at <https://aerobasegroup.com/nsn/6625-01-369-3031>

Width:

15.400 inches

Length:

22.950 inches

Ac Voltage Rating:

115.0 volts

Frequency Rating:

400.0 hertz

Major Components:

Self-test unit; instrumentation box assembly; instrumentation analog receiver board assembly; signal, power, & coaxial cables; card guides; combination case

End Application:

An/apy-1 & -2 radar sets of e-3 acft

Joint Electronics Type Designation System Item Name:

Digital to analog converter

Joint Electronics Type Designation System Item Type Number:

Cv-3499/a

Electrical Power Source Relationship:

Operating

Inclosure Feature:

Multiple item w/carrying case

Test Type For Which Designed:

Digital to analog converter accepts 14 bits at 5mhz rate; converts video, pulse data saturation data & timing signals, beyond-the-horizon target range & amplitude words, beyond-the-horizon timing & control signals

Operating Test Capability:

14 bits at 5mhz

Phase:

Single

Functional Classification:

Aa-9.4

Functional Description:

The digital to analog converter (dac), also called the analog receiver digital instrumentation (ardi) box and the receiver instrumentation box (rib), is organizational aerospace ground equipment used with an oscilloscope to detect and isolate faults in the analog receiver of the e-3 (awacs) radar sets an/apy-1 & -2 including the radar system improvement program (rsip). The dac provides self-test capability which distinguishes between a fault in the dac and the unit under test

Height:

14.170 inches

Relationship To Similar Equipment:

MODI-FI-ED6-6250

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli