

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