

View Online at <https://aerobasegroup.com/nsn/5985-00-106-0906>

**Overall Length:**

5.250 inches

**Overall Height:**

1.750 inches

**Overall Width:**

3.300 inches

**Mounting Hole Diameter:**

0.144 inches

**Mounting Hole Quantity:**

6

**Frequency Rating:**

0.950 gigahertz single antenna element and 1.220 gigahertz single antenna element

**Distance Between Mounting Facility Centers:**

Between 1.250 inches and 4.500 inches

**Operating Temperature Range:**

-55.0 to 250.0 degrees celsius

**Coaxial Connector Series Designation:**

Bnc single antenna element

**Connector End Design:**

Socket single antenna element

**Electromagnetic Polarization Type:**

Vertical single antenna element

**Radiation Pattern:**

Omnidirectional single antenna element

**Power Rating:**

100.000 watts average single antenna element and 10.500 kilowatts peak single antenna element

**Characteristic Impedance In Ohms:**

50.0 single antenna element

**Termination Identification:**

M25708-1-01 single antenna element

**Termination Manufacturer Code:**

81349 single antenna element

**Beam Scanning Method:**

Fixed single antenna element

**Design Type:**

Blade single antenna element

**Mounting Method:**

Base and unthreaded hole

**Terminal Type:**

Connector, receptacle single antenna element

**Beam Width Angle:**

2.0 degrees vertical single antenna element

**Power Gain In Decibels:**

0.50 single antenna element

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-a-25708 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Specification Data:**

81349-mil-a-25708/1 government specification

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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