

View Online at <https://aerobasegroup.com/nsn/5985-00-673-5831>

**Overall Height:**

1.500 inches

**Mounting Hole Diameter:**

0.180 inches

**Mounting Hole Quantity:**

12

**Frequency Rating:**

0.960 gigahertz single antenna element and 1.220 gigahertz single antenna element

**Overall Diameter:**

8.406 inches

**Distance Between Mounting Facility Centers:**

0.701 inches

**Operating Temperature Range:**

-55.0/+205.0 degrees celsius

**Coaxial Connector Series Designation:**

Hn 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 4.000 kilowatts peak single antenna element

**Characteristic Impedance In Ohms:**

50.0 single antenna element

**Termination Identification:**

M39012-16-0001 single antenna element

**Termination Manufacturer Code:**

81349 single antenna element

**Beam Scanning Method:**

Fixed single antenna element

**Design Type:**

Slotted single antenna element

**Mounting Method:**

Flange

**Terminal Type:**

Connector, receptacle single antenna element

**Power Gain In Decibels:**

2.00 single antenna element

**Test Data Document:**

81349-mil-a-25707 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--25707-1-01 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

**Fiig:**

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