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**Overall Length:**

10.875 inches

**Overall Height:**

1.417 feet

**Overall Width:**

2.780 inches

**Mounting Hole Diameter:**

0.257 inches

**Mounting Hole Quantity:**

12

**Frequency Rating:**

116.000 megahertz single antenna element and 156.000 megahertz single antenna element

**Distance Between Mounting Facility Centers:**

1.280 inches and 1.640 inches and 1.560 inches and 1.840 inches and 3.000 inches and 1.000 inches and 2.000 inches and 3.000 inches and 0.860 inches

**Operating Temperature Range:**

-62.0/+71.0 degrees celsius

**Coaxial Connector Series Designation:**

C single antenna element

**Connector End Design:**

Socket single antenna element

**Electromagnetic Polarization Type:**

Vertical single antenna element and horizontal single antenna element

**Radiation Pattern:**

Omnidirectional single antenna element

**Characteristic Impedance In Ohms:**

50.0 single antenna element

**Beam Scanning Method:**

Rotating single antenna element

**Positioning Device Type:**

Drive motor single antenna element

**Voltage Rating In Volts:**

115.0 ac single antenna element and 25.0 dc single antenna element

**Design Type:**

Blade single antenna element

**Mounting Method:**

Bracket

**Terminal Type:**

Connector, receptacle single antenna element

**Beam Width Angle:**

30.0 degrees horizontal single antenna element and 30.0 degrees vertical single antenna element

**Power Gain In Decibels:**

0.80 single antenna element

**Special Features:**

Helicoils for two 8-32 headless set screws for breaking bond w/aircraft

**Test Data Document:**

85226-dc-50-1 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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