

View Online at <https://aerobasegroup.com/nsn/5985-00-419-5177>

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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