

View Online at <https://aerobasegroup.com/nsn/5985-01-120-9220>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b single flange all connection facilities

**Thread Direction:**

Right-hand single flange all connection facilities

**Bend Angle In Deg:**

90.0 single bend h-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.255 inches first flange

**Flange Inside Height:**

0.630 inches first flange

**Flange Outside Width:**

1.875 inches second flange

**Flange Outside Height:**

1.875 inches second flange

**Flange Inside Diameter:**

1.625 inches single flange

**Flange Depth:**

0.625 inches second flange

**Flange Connecting Hole Diameter:**

0.169 inches single flange all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.06

**Thready Qty Per Inch (tpi):**

32 single flange all connection facilities

**Maximum Operating Pressure:**

30.0 pounds per square inch gage

**Waveguide Outside Width:**

1.625 inches

**Thread Size:**

0.164 inches single flange all connection facilities

**Waveguide Inside Width:**

0.505 inches

**Waveguide Inside Height:**

1.005 inches

**Waveguide Outside Height:**

1.625 inches

**Waveguide Longer Offset Distance:**

1.869 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Offset Distance:**

1.869 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Metal single tubing segment and flange

**Style Designator:**

Corner type

**Thread Series Designator:**

Unc single flange all connection facilities

**Specification Data:**

81349-mil-w-3970/16 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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