

View Online at <https://aerobasegroup.com/nsn/5985-01-334-6741>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Tubing Wall Construction Style:**

Corrugated single tubing segment

**Tubing Twist Type:**

Twistable single tubing segment

**Tubing Twist Angle In Deg:**

90.0 single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.250 inches first flange and 1.256 inches first flange

**Flange Inside Height:**

0.617 inches first flange and 0.623 inches first flange

**Flange Outside Width:**

1.860 inches second flange and 1.890 inches second flange

**Flange Outside Height:**

1.860 inches second flange and 1.890 inches second flange

**Flange Depth:**

0.610 inches second flange and 0.640 inches second flange

**Flange Connecting Hole Diameter:**

0.164 inches first flange all connection facilities and 0.174 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.12

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

25.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Waveguide Longer Offset Distance:**

7.440 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Offset Distance:**

1.560 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Supplementary Features:**

Frequency 8.49 to 9.61 ghz

**Thread Series Designator:**

Unc second flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A073a0