

View Online at <https://aerobasegroup.com/nsn/5985-01-347-2155>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Bend Angle In Deg:**

90.0 single bend h-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.005 inches first flange and 1.008 inches first flange 0.896 inches second flange and 0.904 inches second flange

**Flange Inside Height:**

0.505 inches first flange and 0.508 inches first flange 0.396 inches second flange and 0.404 inches second flange

**Flange Outside Width:**

1.610 inches first flange and 1.640 inches first flange 1.610 inches second flange and 1.640 inches second flange

**Flange Outside Height:**

1.610 inches first flange and 1.640 inches first flange 1.610 inches second flange and 1.640 inches second flange

**Flange Inside Diameter:**

1.406 inches second flange and 1.437 inches second flange

**Flange Depth:**

0.423 inches first flange and 0.453 inches first flange 0.423 inches second flange and 0.453 inches second flange

**Flange Connecting Hole Diameter:**

0.169 inches first flange all connection facilities and 0.172 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.06

**Waveguide Outside Width:**

1.000 inches

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

0.900 inches

**Waveguide Inside Height:**

0.400 inches

**Waveguide Outside Height:**

0.500 inches

**Waveguide Longer Offset Distance:**

25.810 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities 4 threaded hole second flange all connection facilities

**Flange Style:**

Cover type first flange choke type second flange

**Waveguide Offset Distance:**

6.000 inches

**Special Features:**

Freq range 8.2 to 12.4 ghz

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange all surfaces and paint all tubing segment and flange all surfaces and primer all tubing segment and flange all surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc second flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A073a0