

View Online at <https://aerobasegroup.com/nsn/5985-01-333-1331>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless second tubing segment

**Tubing Twist Type:**

Twistable first tubing segment

**Tubing Twist Angle In Deg:**

90.0 first tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.250 inches all flanges and 1.256 inches all flanges

**Flange Inside Height:**

0.617 inches all flanges and 0.623 inches all flanges

**Flange Outside Width:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Outside Height:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Depth:**

0.415 inches all flanges and 0.445 inches all flanges

**Flange Connecting Hole Diameter:**

0.164 inches all flanges all connection facilities and 0.174 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.12

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

40.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**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

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

3.500 inches

**Flange Style:**

Cover type all flanges

**Waveguide Second Leg Length:**

2.690 inches

**Waveguide Third Leg Length:**

8.125 inches

**Waveguide Fourth Leg Length:**

2.500 inches

**Flexibility:**

Rigid second tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Three bend type

**Supplementary Features:**

Frequency 8.49 to 9.61 ghz

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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