

View Online at <https://aerobasegroup.com/nsn/5985-01-347-2748>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.005 inches second flange and 1.008 inches second flange

**Flange Inside Height:**

0.505 inches second flange and 0.508 inches second flange

**Flange Outside Width:**

1.610 inches second flange and 1.640 inches second flange

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1.610 inches first flange and 1.640 inches first flange

**Flange Inside Diameter:**

1.406 inches first flange and 1.437 inches first flange

**Flange Depth:**

0.423 inches second flange and 0.453 inches second flange

**Flange Connecting Hole Diameter:**

0.169 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.06

**Waveguide Outside Width:**

1.000 inches

**Thread Size:**

0.169 inches first flange all connection facilities

**Waveguide Inside Width:**

0.900 inches

**Waveguide Inside Height:**

0.400 inches

**Waveguide Outside Height:**

0.500 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

18.940 inches

**Special Features:**

Freq range 8.2 to 12.4 ghz

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum single tubing segment and flange

**Surface Treatment:**

Chromate single tubing segment and flange outside surfaces and paint single tubing segment and flange outside surfaces and primer single tubing segment and flange outside surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc first flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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