

View Online at <https://aerobasegroup.com/nsn/5985-00-250-0541>

**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:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.003 inches first flange and 1.006 inches first flange

**Flange Inside Height:**

0.503 inches first flange and 0.506 inches first 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 second flange and 1.437 inches second flange

**Flange Depth:**

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:**

1.15

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

120.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.505 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Waveguide First Leg Length:**

Between 6.950 inches and 7.010 inches

**Waveguide Fifth Leg Length:**

Between 2.720 inches and 2.780 inches

**Flange Style:**

Cover type first flange

**Waveguide Second Leg Length:**

Between 6.470 inches and 6.530 inches

**Waveguide Third Leg Length:**

Between 5.050 inches and 5.110 inches

**Waveguide Fourth Leg Length:**

9.270 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy single tubing segment

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver all tubing segment and flange inside surfaces

**Style Designator:**

Four bend type

**Thread Series Designator:**

Unc second flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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