

View Online at <https://aerobasegroup.com/nsn/5985-00-242-9783>

**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 all bends e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.705 inches second flange and 0.707 inches second flange

**Flange Inside Height:**

0.394 inches second flange and 0.396 inches second flange

**Flange Outside Width:**

1.298 inches second flange and 1.328 inches second flange

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1.298 inches second flange and 1.328 inches second flange

**Flange Inside Diameter:**

0.985 inches first flange and 1.015 inches first flange

**Flange Depth:**

0.360 inches first flange and 0.390 inches first flange

**Flange Connecting Hole Diameter:**

0.144 inches first flange all connection facilities and 0.147 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.15

**Thready Qty Per Inch (tpi):**

32 second flange all connection facilities

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Thread Size:**

0.138 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 0.619 inches and 0.624 inches

**Waveguide Inside Height:**

Between 0.308 inches and 0.313 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Center To Center Distance:**

7.090 inches

**Waveguide Height:**

1.200 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper all flange

**Surface Treatment:**

Enamel all flange outside surfaces

**Style Designator:**

Double 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:**

No

**Fig:**

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