

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4950>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

90.0 third bend e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.854 inches second flange and 0.856 inches second flange

**Flange Inside Height:**

0.479 inches second flange and 0.481 inches second flange

**Flange Outside Width:**

1.485 inches second flange and 1.515 inches second flange

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1.485 inches second flange and 1.515 inches second flange

**Flange Inside Diameter:**

1.126 inches first flange and 1.156 inches first flange

**Flange Depth:**

0.485 inches first flange and 0.515 inches first flange

**Flange Connecting Hole Diameter:**

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

**Voltage Standing Wave Ratio:**

1.15

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.847 inches and 0.853 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.747 inches and 0.753 inches

**Waveguide Inside Height:**

Between 0.372 inches and 0.378 inches

**Waveguide Outside Height:**

Between 0.472 inches and 0.478 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Waveguide First Leg Length:**

1.000 inches

**Flange Style:**

Cover type second flange

**Waveguide Second Leg Length:**

14.120 inches

**Waveguide Third Leg Length:**

3.020 inches

**Special Features:**

Flange faces free of coating; one flange 63.0 in. Microinch finish

**Flexibility:**

Rigid all tubing segment

**Material:**

Metal all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Three bend type

**Thread Series Designator:**

Unc first 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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