

View Online at <https://aerobasegroup.com/nsn/5985-01-188-7408>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b single flange single connection facility

**Thread Direction:**

Right-hand all flanges all connection facilities

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.747 inches all flanges and 0.753 inches all flanges

**Flange Inside Height:**

0.372 inches all flanges and 0.378 inches all flanges

**Flange Outside Width:**

1.485 inches all flanges and 1.515 inches all flanges

**Flange Outside Height:**

1.485 inches all flanges and 1.515 inches all flanges

**Flange Inside Diameter:**

1.126 inches all flanges and 1.156 inches all flanges

**Flange Depth:**

0.485 inches all flanges and 0.515 inches all flanges

**Voltage Standing Wave Ratio:**

1.15

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

32 all flanges all connection facilities

**Waveguide Outside Width:**

Between 0.847 inches and 0.853 inches

**Thread Size:**

0.138 inches all flanges 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 threaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

1.120 inches

**Waveguide Fifth Leg Length:**

0.800 inches

**Flange Style:**

Choke type all flanges

**Waveguide Second Leg Length:**

1.250 inches

**Waveguide Third Leg Length:**

0.820 inches

**Waveguide Fourth Leg Length:**

15.410 inches

**Flexibility:**

Flexible all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Primer all flange outside surfaces and paint all flange outside surfaces

**Style Designator:**

Four bend type

**Thread Series Designator:**

Unc all flanges 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

**Fig:**

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