

View Online at <https://aerobasegroup.com/nsn/5985-00-451-8259>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.620 inches all flanges and 0.624 inches all flanges

**Flange Inside Height:**

0.309 inches all flanges and 0.313 inches all flanges

**Flange Outside Width:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Outside Height:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Inside Diameter:**

0.985 inches all flanges and 1.015 inches all flanges

**Flange Depth:**

0.360 inches all flanges and 0.390 inches all flanges

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.10

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

32 all flanges all connection facilities

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Thread Size:**

0.138 inches all flanges all connection facilities

**Waveguide Inside Width:**

Between 0.620 inches and 0.625 inches

**Waveguide Inside Height:**

Between 0.309 inches and 0.314 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

1.250 inches

**Flange Style:**

Choke type all flanges

**Waveguide Second Leg Length:**

1.750 inches

**Waveguide Third Leg Length:**

1.703 inches

**Waveguide Fourth Leg Length:**

2.750 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Internal tubing segment surfaces and flange surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver all tubing segment and flange inside surfaces

**Style Designator:**

Three 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:**

No

**Fig:**

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