

View Online at <https://aerobasegroup.com/nsn/5985-00-115-0109>

**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 all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.223 inches all flanges and 0.225 inches all flanges

**Flange Inside Height:**

0.111 inches all flanges and 0.113 inches all flanges

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

40 all flanges all connection facilities

**Waveguide Outside Width:**

Between 0.302 inches and 0.306 inches

**Thread Size:**

0.112 inches all flanges all connection facilities

**Waveguide Inside Width:**

Between 0.223 inches and 0.225 inches

**Waveguide Inside Height:**

Between 0.111 inches and 0.113 inches

**Waveguide Outside Height:**

Between 0.190 inches and 0.194 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

1.000 inches

**Flange Style:**

Choke type all flanges

**Waveguide Second Leg Length:**

1.437 inches

**Waveguide Third Leg Length:**

5.937 inches

**Waveguide Fourth Leg Length:**

0.750 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside 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:**

Yes - demil/mli

**Fig:**

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