

View Online at <https://aerobasegroup.com/nsn/5985-00-307-3385>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.002 inches second flange and 2.005 inches second flange

**Flange Inside Height:**

1.002 inches second flange and 1.005 inches second flange

**Flange Outside Diameter:**

3.610 inches second flange and 3.640 inches second flange

**Flange Depth:**

0.923 inches first flange and 0.953 inches first flange

**Flange Connecting Hole Diameter:**

0.199 inches second flange all connection facilities and 0.203 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.10

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

32 first flange all connection facilities

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Thread Size:**

0.190 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

2.000 feet

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Any acceptable all tubing segment and flange outside surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unf 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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