

View Online at <https://aerobasegroup.com/nsn/5985-00-177-7157>

**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:**

60.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.620 inches first flange and 0.624 inches first flange

**Flange Inside Height:**

0.309 inches first flange and 0.313 inches first flange

**Flange Outside Width:**

1.297 inches first flange and 1.327 inches first flange

**Flange Outside Height:**

1.297 inches first flange and 1.327 inches first flange

**Flange Inside Diameter:**

0.985 inches first flange and 1.015 inches first flange

**Flange Depth:**

0.360 inches first flange and 0.390 inches first flange

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.50

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

32 first flange all connection facilities

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Thread Size:**

0.138 inches first flange 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

**Waveguide Longer Offset Distance:**

1.520 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Offset Distance:**

0.710 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces and primer all tubing segment and flange outside surfaces

**Style Designator:**

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:**

No

**Fiig:**

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