

View Online at <https://aerobasegroup.com/nsn/5985-00-551-3239>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange single connection facility

**Thread Direction:**

Right-hand second flange single connection facility

**Bend Angle In Deg:**

90.0 all bends e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.978 inches first flange and 0.990 inches first flange

**Flange Inside Height:**

0.433 inches first flange and 0.443 inches first flange

**Flange Outside Width:**

2.500 inches first flange

**Flange Outside Height:**

1.750 inches first flange

**Flange Depth:**

0.656 inches first flange

**Flange Connecting Hole Diameter:**

0.166 inches first flange single connection facility and 0.172 inches first flange single connection facility

**Voltage Standing Wave Ratio:**

2.01

**Insertion Loss In Decibels:**

0.12

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches second flange single connection facility

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange single connection facility

**Flange Style:**

Contact type second flange

**Waveguide Leg Length:**

0.750 inches

**Waveguide Longer Leg Length:**

1.276 feet

**Waveguide Center To Center Distance:**

5.500 inches

**Waveguide Height:**

1.401 feet

**Special Features:**

Angle bracket on short leg

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy single tubing segment

**Surface Treatment:**

Paint all flange outside surfaces

**Style Designator:**

U-bend type

**Thread Series Designator:**

Unc second flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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