

View Online at <https://aerobasegroup.com/nsn/5985-01-017-1223>

**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 third bend e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.899 inches second flange and 0.901 inches second flange

**Flange Inside Height:**

0.399 inches second flange and 0.401 inches second flange

**Flange Outside Width:**

2.078 inches second flange and 2.108 inches second flange

**Flange Outside Height:**

1.578 inches second flange and 1.608 inches second flange

**Flange Depth:**

0.297 inches second flange and 0.327 inches second flange

**Flange Connecting Hole Diameter:**

0.193 inches first flange single connection facility and 0.199 inches first flange single connection facility

**Voltage Standing Wave Ratio:**

1.20

**Maximum Operating Pressure:**

5.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.997 inches and 1.003 inches

**Thread Size:**

0.164 inches second flange single connection facility

**Waveguide Inside Width:**

Between 0.897 inches and 0.903 inches

**Waveguide Inside Height:**

Between 0.397 inches and 0.403 inches

**Waveguide Outside Height:**

Between 0.497 inches and 0.503 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange single connection facility

**Flange Style:**

Contact type second flange

**Special Features:**

Two 4.000 in. Lg waveguide sections mtd across waveguide assembly

**Flexibility:**

Rigid all tubing segment

**Material:**

Beryllium all flange

**Surface Treatment:**

Nickel all tubing segment inside surfaces

**Thread Series Designator:**

Unc second flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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