

View Online at <https://aerobasegroup.com/nsn/5985-00-072-9644>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange single connection facility

**Thread Direction:**

Right-hand first flange single connection facility

**Bend Angle In Deg:**

45.0 second bend h-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.310 inches second flange and 1.314 inches second flange

**Flange Inside Height:**

0.628 inches second flange and 0.631 inches second flange

**Flange Outside Width:**

3.250 inches second flange

**Flange Outside Height:**

1.867 inches second flange and 1.883 inches second flange

**Flange Depth:**

0.620 inches first flange and 0.630 inches first flange

**Flange Connecting Hole Diameter:**

0.167 inches second flange single connection facility and 0.175 inches second flange single connection facility

**Maximum Operating Pressure:**

12.0 pounds per square inch gage

**Waveguide Outside Width:**

1.375 inches

**Thread Size:**

0.164 inches first flange single connection facility

**Waveguide Inside Width:**

Between 1.001 inches and 1.007 inches

**Waveguide Inside Height:**

Between 0.494 inches and 0.500 inches

**Waveguide Outside Height:**

0.750 inches

**Waveguide Longer Offset Distance:**

Between 5.422 inches and 5.452 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange single connection facility

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

Between 2.860 inches and 2.890 inches

**Special Features:**

One 0.375 in. Diameter copper tube on each side of waveguide through each flange

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all flange

**Surface Treatment:**

Gold all tubing segment inside surfaces and silver all tubing segment inside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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