

View Online at <https://aerobasegroup.com/nsn/5985-01-237-7174>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b 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:**

1.503 inches second flange and 1.506 inches second flange

**Flange Inside Height:**

0.753 inches second flange and 0.756 inches second flange

**Flange Outside Diameter:**

3.110 inches second flange and 3.140 inches second flange

**Flange Depth:**

0.360 inches second flange and 0.390 inches second flange

**Flange Connecting Hole Diameter:**

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

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Thread Size:**

0.192 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

Between 4.558 inches and 4.578 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces and primer 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:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0