

View Online at <https://aerobasegroup.com/nsn/5985-01-236-6781>

**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:**

0.747 inches first flange and 0.753 inches first flange

**Flange Inside Height:**

0.372 inches second flange and 0.378 inches second flange

**Flange Outside Width:**

1.485 inches second flange and 1.515 inches second flange

**Flange Outside Height:**

1.485 inches second flange and 1.515 inches second flange

**Flange Depth:**

0.485 inches second flange and 0.515 inches second flange

**Flange Connecting Hole Diameter:**

0.144 inches second flange all connection facilities and 0.147 inches second flange all connection facilities

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.847 inches and 0.853 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.747 inches and 0.753 inches

**Waveguide Inside Height:**

Between 0.372 inches and 0.378 inches

**Waveguide Outside Height:**

Between 0.472 inches and 0.478 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

Between 2.804 inches and 2.824 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:**

Unc first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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