

View Online at <https://aerobasegroup.com/nsn/5985-01-304-1936>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.706 inches first flange and 0.708 inches first flange

**Flange Inside Height:**

0.395 inches first flange and 0.397 inches first flange

**Flange Outside Width:**

1.298 inches first flange and 1.328 inches first flange

**Flange Outside Height:**

1.298 inches first flange and 1.328 inches first flange

**Flange Inside Diameter:**

0.826 inches second flange and 0.830 inches second flange

**Flange Depth:**

0.360 inches second flange and 0.390 inches second flange

**Flange Connecting Hole Diameter:**

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

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Thread Size:**

0.138 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 0.620 inches and 0.625 inches

**Waveguide Inside Height:**

Between 0.309 inches and 0.314 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Length:**

3.000 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc second 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