

View Online at <https://aerobasegroup.com/nsn/5985-00-254-7492>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Bend Angle In Deg:**

90.0 second bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.362 inches first flange and 0.364 inches first flange

**Flange Inside Height:**

0.222 inches first flange and 0.224 inches first flange

**Flange Outside Width:**

1.610 inches second flange and 1.640 inches second flange

**Flange Outside Height:**

1.610 inches second flange and 1.640 inches second flange

**Flange Inside Diameter:**

1.406 inches second flange and 1.437 inches second flange

**Flange Depth:**

0.420 inches second flange and 0.450 inches second flange

**Flange Connecting Hole Diameter:**

0.116 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.07

**Insertion Loss In Decibels:**

0.20

**Thready Qty Per Inch (tpi):**

40 second flange all connection facilities

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Thread Size:**

0.112 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 0.278 inches and 0.281 inches

**Waveguide Inside Height:**

Between 0.138 inches and 0.141 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange single connection facility

**Waveguide First Leg Length:**

1.380 inches

**Flange Style:**

Choke type second flange

**Waveguide Second Leg Length:**

0.870 inches

**Waveguide Third Leg Length:**

2.140 inches

**Waveguide Fourth Leg Length:**

1.220 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Silver alloy single tubing segment

**Precious Material And Location:**

Tubing silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver all flange outside surfaces

**Style Designator:**

Three bend 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:**

No

**Fiig:**

A073a0