

View Online at <https://aerobasegroup.com/nsn/5985-00-270-1094>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.503 inches second flange

**Flange Inside Height:**

0.753 inches second flange

**Flange Outside Width:**

2.734 inches first flange and 2.766 inches first flange

**Flange Outside Height:**

1.984 inches first flange and 2.016 inches first 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 single connection facility

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.05

**Adapter Length:**

Between 1.985 inches and 2.015 inches

**Waveguide Inside Width:**

Between 1.477 inches and 1.483 inches

**Waveguide Inside Height:**

Between 0.685 inches and 0.691 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange single connection facility

**Flange Style:**

Cover type second flange

**Special Features:**

5.850 to 8.200 ghz freq; flange faces free of paint; 1st flange 16.0 in. Microinch finish

**Material:**

Aluminum alloy all flange

**Surface Treatment:**

Chromate zinc all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0