

View Online at <https://aerobasegroup.com/nsn/5985-00-478-2823>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Flange Quantity:**

2

**Flange Inside Width:**

0.705 inches first flange and 0.707 inches first flange

**Flange Inside Height:**

0.394 inches first flange and 0.396 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 Depth:**

0.298 inches first flange and 0.328 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.15

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Waveguide Inside Width:**

Between 0.6195 inches and 0.6245 inches

**Waveguide Inside Height:**

Between 0.3085 inches and 0.3135 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Second Leg Length:**

5.500 inches

**Waveguide Third Leg Length:**

7.500 inches

**Waveguide Fourth Leg Length:**

2.940 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces and primer all tubing segment and flange outside surfaces

**Style Designator:**

Three bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0