

View Online at <https://aerobasegroup.com/nsn/5985-01-136-4160>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.20

**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

**Waveguide First Leg Length:**

0.599 inches

**Waveguide Fifth Leg Length:**

1.310 inches

**Waveguide Second Leg Length:**

1.000 inches

**Waveguide Sixth Leg Length:**

1.002 inches

**Waveguide Third Leg Length:**

0.599 inches

**Waveguide Fourth Leg Length:**

9.470 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

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

**Style Designator:**

Five bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0