

View Online at <https://aerobasegroup.com/nsn/5985-01-107-5069>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.505 inches first flange

**Flange Inside Height:**

0.755 inches first flange

**Flange Outside Width:**

1.875 inches second flange

**Flange Outside Height:**

1.875 inches second flange

**Flange Outside Diameter:**

3.125 inches first flange

**Flange Depth:**

0.438 inches second flange

**Flange Connecting Hole Diameter:**

0.199 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Adapter Length:**

6.180 inches

**Maximum Operating Pressure:**

5.0 pounds per square inch gage

**Waveguide Outside Width:**

1.250 inches and 1.500 inches

**Waveguide Inside Width:**

1.122 inches and 1.372 inches

**Waveguide Inside Height:**

0.497 inches and 0.622 inches

**Waveguide Outside Height:**

0.625 inches and 0.750 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Flanges silver and internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A073a0