

View Online at <https://aerobasegroup.com/nsn/5985-01-220-0457>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.896 inches and 0.904 inches all flanges

**Flange Inside Height:**

0.396 inches and 0.404 inches all flanges

**Flange Outside Width:**

1.610 inches and 1.640 inches all flanges

**Flange Outside Height:**

1.610 inches and 1.640 inches all flanges

**Flange Depth:**

0.610 inches and 0.640 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches and 0.172 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

40.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Waveguide Longer Offset Distance:**

3.000 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

1.960 inches

**Flange Style:**

Choke type all flanges

**Waveguide Second Leg Length:**

1.000 inches

**Waveguide Offset Distance:**

1.960 inches

**Special Features:**

Frequency range 9.0 to 9.2 ghz; power handling capabil type 400.0 kw peak; operating temperature range minus 54.0 to plus 71.0 degrees c

**Flexibility:**

Flexible third tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver third tubing segment inside surfaces

**Style Designator:**

Bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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