

View Online at <https://aerobasegroup.com/nsn/5985-01-030-9957>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.368 inches all flanges and 1.376 inches all flanges

**Flange Inside Height:**

0.618 inches all flanges and 0.626 inches all flanges

**Flange Outside Width:**

2.670 inches all flanges and 2.710 inches all flanges

**Flange Outside Height:**

1.920 inches all flanges and 1.960 inches all flanges

**Flange Depth:**

0.480 inches all flanges and 0.520 inches all flanges

**Flange Connecting Hole Diameter:**

0.196 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**Maximum Operating Pressure:**

1.000 kilograms per square centimeter gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

3.040 inches

**Flange Style:**

Contact type all flanges

**Waveguide Second Leg Length:**

12.060 inches

**Waveguide Third Leg Length:**

5.000 inches

**Waveguide Fourth Leg Length:**

1.100 inches

**Special Features:**

7.900 to 8.400 ghz; do not paint flange faces

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Enamel 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:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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