

View Online at <https://aerobasegroup.com/nsn/5985-01-097-7305>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Corrugated single tubing segment

**Tubing Twist Type:**

Straight twist single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.867 inches all flanges and 1.877 inches all flanges

**Flange Inside Height:**

0.867 inches all flanges and 0.877 inches all flanges

**Flange Outside Width:**

3.480 inches all flanges and 3.520 inches all flanges

**Flange Outside Height:**

2.480 inches all flanges and 2.520 inches all flanges

**Flange Depth:**

0.670 inches all flanges and 0.710 inches all flanges

**Flange Connecting Hole Diameter:**

0.257 inches second flange all connection facilities and 0.262 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.04

**Insertion Loss In Decibels:**

0.03

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Waveguide Longer Offset Distance:**

Between 7.690 inches and 7.810 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

9.310 inches

**Waveguide Offset Distance:**

Between 3.660 inches and 3.780 inches

**Waveguide Center To Center Distance:**

1.250 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Rubber single tubing jacket

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Fsc Application Data:**

Antennas, waveguides and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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