

View Online at <https://aerobasegroup.com/nsn/5985-01-253-0891>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.867 inches single flange and 1.877 inches single flange

**Flange Inside Height:**

0.867 inches single flange and 0.877 inches single flange

**Flange Outside Width:**

3.480 inches single flange and 3.520 inches single flange

**Flange Outside Height:**

2.480 inches single flange and 2.520 inches single flange

**Flange Depth:**

0.670 inches single flange and 0.710 inches single flange

**Voltage Standing Wave Ratio:**

1.25

**Insertion Loss In Decibels:**

0.80

**Maximum Operating Pressure:**

3.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 7.940 inches and 9.960 inches

**Waveguide Inside Width:**

Between 7.690 inches and 7.710 inches

**Waveguide Inside Height:**

Between 3.840 inches and 3.860 inches

**Waveguide Outside Height:**

Between 4.090 inches and 4.110 inches

**Flange Connecting Facility And Quantity:**

10 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Leg Length:**

8.000 inches

**Waveguide Longer Leg Length:**

10.500 inches

**Waveguide Center To Center Distance:**

4.500 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 single tubing segment

**Style Designator:**

U-bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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