

View Online at <https://aerobasegroup.com/nsn/5985-01-348-2792>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.795 inches all flanges and 0.801 inches all flanges

**Flange Inside Height:**

0.425 inches all flanges and 0.431 inches all flanges

**Flange Outside Width:**

1.360 inches all flanges and 1.390 inches all flanges

**Flange Outside Height:**

1.360 inches all flanges and 1.390 inches all flanges

**Flange Depth:**

0.235 inches all flanges and 0.265 inches all flanges

**Flange Connecting Hole Diameter:**

0.142 inches all flanges first connection facility and 0.148 inches all flanges first connection facility 0.096 inches all flanges second connection facility and 0.097 inches all flanges second connection facility

**Voltage Standing Wave Ratio:**

1.20

**Waveguide Outside Width:**

Between 0.807 inches and 0.815 inches

**Waveguide Inside Width:**

Between 0.688 inches and 0.694 inches

**Waveguide Inside Height:**

Between 0.318 inches and 0.324 inches

**Waveguide Outside Height:**

Between 0.437 inches and 0.445 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges first connection facility 2 unthreaded hole all flanges second connection facility

**Flange Style:**

Contact, for double ridge waveguide all flanges

**Waveguide Center To Center Distance:**

4.000 inches

**Waveguide Height:**

2.550 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Double 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

**Fiig:**

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