

View Online at <https://aerobasegroup.com/nsn/5985-01-342-4021>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Thread Class:**

2b all flanges first connection facility

**Thread Direction:**

Right-hand all flanges first connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.688 inches all flanges and 0.694 inches all flanges

**Flange Inside Height:**

0.318 inches all flanges and 0.324 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:**

0.0960 inches all flanges second connection facility and 0.0965 inches all flanges second connection facility

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.20

**Waveguide Outside Width:**

Between 0.788 inches and 0.794 inches

**Thread Size:**

0.138 inches all flanges first connection facility

**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 0.418 inches and 0.424 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole all flanges first connection facility

**Flange Style:**

Contact, double ridge type all flanges

**Waveguide Length:**

1.750 inches

**Special Features:**

Power rating 1200 watts average

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Straight type

**Supplementary Features:**

Mtg flange 2.750 in. Diameter with eight holes 0.156 in. Dia.

**Thread Series Designator:**

Unc all flanges first connection facility

**Fsc Application Data:**

Antennas, waveguide and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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