

View Online at <https://aerobasegroup.com/nsn/5985-01-282-4596>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

4.295 inches all flanges and 4.305 inches all flanges

**Flange Inside Height:**

2.145 inches all flanges and 2.155 inches all flanges

**Flange Outside Width:**

6.320 inches all flanges and 6.360 inches all flanges

**Flange Outside Height:**

4.170 inches all flanges and 4.210 inches all flanges

**Flange Depth:**

0.860 inches all flanges and 0.900 inches all flanges

**Flange Connecting Hole Diameter:**

0.526 inches all flanges first connection facility and 0.536 inches all flanges first connection facility

**Voltage Standing Wave Ratio:**

1.15

**Insertion Loss In Decibels:**

0.10

**Waveguide Outside Width:**

Between 4.452 inches and 4.468 inches

**Waveguide Inside Width:**

Between 2.302 inches and 2.318 inches

**Waveguide Inside Height:**

Between 2.142 inches and 2.158 inches

**Waveguide Outside Height:**

Between 4.292 inches and 4.308 inches

**Waveguide Longer Offset Distance:**

Between 2.970 inches and 3.030 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges first connection facility

**Flange Style:**

Contact type all flanges

**Waveguide Offset Distance:**

Between 2.970 inches and 3.030 inches

**Special Features:**

Frequency range 1.70 to 2.60 ghz; temperature range minus 45 deg. F to plus 155 deg. F; operating altitude 0 to 10000 ft.

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Fsc Application Data:**

Waveguides

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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