

View Online at <https://aerobasegroup.com/nsn/5985-01-331-7012>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.087 inches all flanges and 1.093 inches all flanges

**Flange Inside Height:**

0.503 inches all flanges and 0.509 inches all flanges

**Flange Outside Width:**

1.954 inches all flanges and 1.984 inches all flanges

**Flange Outside Height:**

1.376 inches all flanges and 1.406 inches all flanges

**Flange Depth:**

0.235 inches all flanges and 0.265 inches all flanges

**Flange Connecting Hole Diameter:**

0.145 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.20

**Waveguide Outside Width:**

Between 1.187 inches and 1.193 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.087 inches and 1.093 inches

**Waveguide Inside Height:**

Between 0.503 inches and 0.509 inches

**Waveguide Outside Height:**

Between 0.603 inches and 0.609 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange all connection facilities

**Flange Style:**

Contact, double ridge type all flanges

**Waveguide Length:**

Between 3.900 inches and 4.100 inches

**Special Features:**

Frequency range 4.75 to 11.0 ghz

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange all surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc first flange all connection facilities

**Fsc Application Data:**

Radar equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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