

View Online at <https://aerobasegroup.com/nsn/5985-01-332-8069>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.368 inches all flanges and 1.376 inches all flanges

**Flange Inside Height:**

0.618 inches all flanges and 0.626 inches all flanges

**Flange Outside Diameter:**

3.110 inches all flanges and 3.140 inches all flanges

**Flange Depth:**

0.735 inches all flanges and 0.765 inches all flanges

**Voltage Standing Wave Ratio:**

1.12

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

25.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Thread Size:**

0.190 inches all flanges all connection facilities

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

6 threaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Waveguide Length:**

6.500 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Straight type

**Supplementary Features:**

Frequency 6.89 to 8.45 ghz

**Thread Series Designator:**

Unf all flanges all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equip

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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