

View Online at <https://aerobasegroup.com/nsn/5985-01-309-6857>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

6.9 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Tubing Twist Type:**

Twistable single tubing segment

**Tubing Twist Angle In Deg:**

14.5 single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.003 inches second flange and 2.009 inches second flange

**Flange Inside Height:**

1.003 inches second flange and 1.009 inches second flange

**Flange Outside Diameter:**

3.610 inches second flange and 3.640 inches second flange

**Flange Depth:**

0.923 inches first flange and 0.953 inches first flange

**Flange Connecting Hole Diameter:**

0.195 inches second flange all connection facilities and 0.199 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.05

**Maximum Operating Pressure:**

30.0 pounds per square inch gage

**Waveguide Outside Width:**

2.000 inches

**Thread Size:**

0.190 inches first flange all connection facilities

**Waveguide Inside Width:**

1.872 inches

**Waveguide Inside Height:**

0.872 inches

**Waveguide Outside Height:**

1.000 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

120.000 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy single tubing segment and flange

**Style Designator:**

Straight type

**Thread Series Designator:**

Unf first flange all connection facilities

**Specification Data:**

81349-mil-w-287/3 government specification

**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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