

View Online at <https://aerobasegroup.com/nsn/5985-00-086-9129>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

30.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.020 inches second flange 1.020 inches second flange

**Flange Inside Height:**

0.510 inches second flange

**Flange Outside Width:**

1.688 inches second flange

**Flange Outside Height:**

1.688 inches second flange

**Flange Connecting Hole Diameter:**

0.180 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.10

**Thready Qty Per Inch (tpi):**

32 first flange all connection facilities

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.143 inches and 1.153 inches

**Thread Size:**

0.164 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.017 inches and 1.023 inches

**Waveguide Inside Height:**

Between 0.507 inches and 0.513 inches

**Waveguide Outside Height:**

Between 0.633 inches and 0.643 inches

**Waveguide Longer Offset Distance:**

1.848 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

0.360 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum single tubing segment

**Surface Treatment:**

Enamel single tubing segment outside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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