

View Online at <https://aerobasegroup.com/nsn/5985-01-086-2159>

**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:**

45.0 all bends e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.705 inches second flange and 0.707 inches second flange

**Flange Inside Height:**

0.394 inches second flange and 0.396 inches second flange

**Flange Outside Width:**

1.298 inches second flange and 1.328 inches second flange

**Flange Outside Height:**

1.298 inches second flange and 1.328 inches second flange

**Flange Inside Diameter:**

0.985 inches first flange and 1.015 inches first flange

**Flange Depth:**

0.298 inches second flange and 0.328 inches second flange

**Flange Connecting Hole Diameter:**

0.144 inches second flange all connection facilities and 0.147 inches second flange all connection facilities

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.6195 inches and 0.6245 inches

**Waveguide Inside Height:**

Between 0.3085 inches and 0.3135 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Waveguide First Leg Length:**

1.050 inches

**Flange Style:**

Cover type second flange

**Waveguide Second Leg Length:**

27.000 inches

**Waveguide Third Leg Length:**

1.100 inches

**Special Features:**

2 plate clamps accommodates waveguide

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and chromate all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Style Designator:**

Three bend type

**Thread Series Designator:**

Unc first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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