

View Online at <https://aerobasegroup.com/nsn/5985-01-433-2236>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**End Application:**

Radar receiver an/apg-7 (xn1)

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.896 inches first flange and 0.904 inches first flange

**Flange Inside Height:**

0.396 inches first flange and 0.404 inches first flange

**Flange Outside Width:**

1.610 inches first flange and 1.640 inches first flange

**Flange Outside Height:**

1.610 inches first flange and 1.640 inches first flange

**Flange Depth:**

0.423 inches first flange and 0.453 inches first flange

**Voltage Standing Wave Ratio:**

1.05

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Waveguide Longer Offset Distance:**

2.527 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

1.237 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

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

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first flange all connection facilities

**Specification Data:**

82577-656087 manufacturers source control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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