

View Online at <https://aerobasegroup.com/nsn/5985-01-463-7623>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**End Application:**

Apg180 txmite, next assembly g1-28-5640

**Flange Quantity:**

2

**Flange Inside Width:**

0.900 inches second flange

**Flange Inside Height:**

0.400 inches second flange

**Flange Outside Width:**

1.630 inches second flange

**Flange Outside Height:**

1.630 inches second flange

**Flange Depth:**

0.437 inches second flange

**Flange Connecting Hole Diameter:**

0.169 inches first flange all connection facilities and 0.172 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.05

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

32 second flange all connection facilities

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

0.900 inches

**Waveguide Inside Height:**

0.400 inches

**Waveguide Longer Offset Distance:**

1.680 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

1.680 inches

**Specified Frequency:**

Between 8.2 gigahertz and 12.4 gigahertz

**Special Features:**

90 deg. H-plane

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange or zinc alloy all tubing segment and flange

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc second flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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