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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.003 inches second flange and 1.006 inches second flange

**Flange Inside Height:**

0.503 inches second flange and 0.506 inches second flange

**Flange Outside Width:**

1.610 inches second flange and 1.640 inches second flange

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1.610 inches second flange and 1.640 inches second flange

**Flange Inside Diameter:**

0.985 inches first flange and 1.015 inches first flange

**Flange Depth:**

0.423 inches second flange and 0.453 inches second flange

**Flange Connecting Hole Diameter:**

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

**Voltage Standing Wave Ratio:**

1.05

**Thread Length:**

0.375 inches first flange all connection facilities

**Adapter Length:**

1.938 inches

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

32 first flange all connection facilities

**Waveguide Outside Width:**

Between 0.702 inches and 1.000 inches

**Thread Size:**

0.138 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.622 inches and 0.900 inches

**Waveguide Inside Height:**

Between 0.311 inches and 0.400 inches

**Waveguide Outside Height:**

Between 0.394 inches and 0.500 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**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:**

No

**Fig:**

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