

View Online at <https://aerobasegroup.com/nsn/5985-01-271-7248>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange first connection facility

**Thread Direction:**

Right-hand second flange first connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Tubing Twist Type:**

Straight twist single tubing segment

**Tubing Twist Angle In Deg:**

90.0 single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.362 inches second flange and 0.363 inches second flange

**Flange Inside Height:**

0.222 inches second flange and 0.223 inches second flange

**Flange Outside Width:**

1.490 inches second flange and 1.510 inches second flange

**Flange Outside Height:**

1.490 inches second flange and 1.510 inches second flange

**Flange Inside Diameter:**

0.485 inches first flange and 0.515 inches first flange

**Flange Depth:**

0.240 inches second flange and 0.260 inches second flange

**Flange Connecting Hole Diameter:**

0.146 inches second flange second connection facility and 0.166 inches second flange second connection facility

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.20

**Adapter Length:**

Between 7.874 inches and 7.875 inches

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

40 second flange first connection facility

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Thread Size:**

0.112 inches second flange first connection facility

**Waveguide Inside Width:**

Between 0.279 inches and 0.282 inches

**Waveguide Inside Height:**

Between 0.139 inches and 0.142 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange second connection facility

**Flange Style:**

Cover type second flange

**Material:**

Copper alloy single tubing segment and flange

**Precious Material And Location:**

External surfaces gold and external surfaces silver

**Precious Material:**

Gold and silver

**Surface Treatment:**

Silver single tubing segment and flange outside surfaces and gold single tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Thread Series Designator:**

Unc second flange first connection facility

**Fsc Application Data:**

Radar equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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