

View Online at <https://aerobasegroup.com/nsn/5985-00-015-7275>

**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:**

0.2786 inches first flange and 0.2814 inches first flange

**Flange Inside Height:**

0.222 inches second flange and 0.224 inches second flange

**Flange Outside Width:**

0.735 inches first flange and 0.765 inches first flange

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0.735 inches first flange and 0.765 inches first flange

**Flange Inside Diameter:**

0.485 inches first flange and 0.515 inches first flange

**Flange Depth:**

0.182 inches second flange and 0.192 inches second flange

**Flange Connecting Hole Diameter:**

0.116 inches second flange all connection facilities and 0.118 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.20

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Thread Size:**

0.112 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.2785 inches and 0.2815 inches

**Waveguide Inside Height:**

Between 0.1385 inches and 0.1415 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

Between 20.121 inches and 20.129 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

All tubing surfaces gold and all tubing surfaces silver

**Precious Material:**

Gold and silver

**Surface Treatment:**

Silver single tubing segment inside surfaces and gold single tubing segment inside surfaces

**Style Designator:**

Straight type

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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