

View Online at <https://aerobasegroup.com/nsn/5985-01-070-2469>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Tubing Twist Type:**

Twistable single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.118 inches all flanges and 1.126 inches all flanges

**Flange Inside Height:**

0.493 inches all flanges and 0.501 inches all flanges

**Flange Outside Width:**

2.480 inches all flanges and 2.520 inches all flanges

**Flange Outside Height:**

1.730 inches all flanges and 1.770 inches all flanges

**Flange Depth:**

0.480 inches all flanges and 0.520 inches all flanges

**Voltage Standing Wave Ratio:**

1.10

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

32 all flanges all connection facilities

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Thread Size:**

0.164 inches all flanges all connection facilities

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

Between 2.960 inches and 3.040 inches

**Special Features:**

8.5 to 9.6 ghz; attenuation 0.08 db/ft; neoprene or ethylene jacket; minus 10 to plus 70 degrees c operating temperature

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Tubing internal surface and flange surface silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver single tubing segment inside surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc all flanges all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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