

View Online at <https://aerobasegroup.com/nsn/5985-01-099-5952>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.502 inches first flange and 1.508 inches first flange

**Flange Inside Height:**

0.752 inches first flange and 0.758 inches first flange

**Flange Outside Diameter:**

3.110 inches first flange and 3.140 inches first flange

**Flange Depth:**

0.735 inches second flange and 0.765 inches second flange

**Flange Connecting Hole Diameter:**

0.195 inches first flange all connection facilities and 0.203 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Thread Size:**

0.190 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Length:**

Between 79.480 inches and 79.520 inches

**Flexibility:**

Rigid single tubing segment

**Surface Treatment:**

Paint single tubing segment outside surfaces

**Style Designator:**

Straight type

**Thread Series Designator:**

Unf second flange 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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