

View Online at <https://aerobasegroup.com/nsn/5985-01-343-2425>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Tubing Twist Type:**

Twistable single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches second flange and 1.256 inches second flange

**Flange Inside Height:**

0.628 inches second flange and 0.631 inches second flange

**Flange Outside Width:**

2.480 inches first flange and 2.520 inches first flange

**Flange Outside Height:**

1.860 inches second flange and 1.890 inches second flange

**Flange Depth:**

0.480 inches first flange and 0.520 inches first 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:**

1.20

**Insertion Loss In Decibels:**

0.20

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**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 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

9.500 inches

**Special Features:**

Frequency range 8.5 to 9.6 ghz

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy all flange

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver single tubing segment inside surfaces

**Style Designator:**

Straight type

**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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