

View Online at <https://aerobasegroup.com/nsn/5985-01-356-8460>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Corrugated single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.002 inches first flange and 1.008 inches first flange

**Flange Inside Height:**

0.502 inches first flange and 0.508 inches first flange

**Flange Outside Width:**

1.610 inches first flange and 1.640 inches first flange

**Flange Outside Height:**

1.610 inches first flange and 1.640 inches first flange

**Flange Depth:**

0.423 inches first flange and 0.453 inches first flange

**Flange Connecting Hole Diameter:**

0.166 inches first flange all connection facilities and 0.172 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.20

**Waveguide Outside Width:**

Between 0.986 inches and 1.004 inches

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Length:**

18.000 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Rubber all tubing segment and flange outside 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

**Fig:**

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