

View Online at <https://aerobasegroup.com/nsn/5985-01-200-9511>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Guided missile, intercept

**Tubing Wall Construction Style:**

Seamless second tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.003 inches first flange and 1.006 inches first flange

**Flange Inside Height:**

0.503 inches first flange and 0.506 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:**

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

**Voltage Standing Wave Ratio:**

1.25

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 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

**Criticality Code Justification:**

Feat

**Waveguide Outside Height:**

Between 0.496 inches and 0.404 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Waveguide First Leg Length:**

0.940 inches

**Waveguide Fifth Leg Length:**

Between 2.590 inches and 2.710 inches

**Flange Style:**

Cover type first flange

**Waveguide Second Leg Length:**

2.270 inches

**Waveguide Third Leg Length:**

4.010 inches

**Waveguide Fourth Leg Length:**

Between 4.410 inches and 4.530 inches

**Special Features:**

Weapon system essential

**Flexibility:**

Rigid second tubing segment

**Style Designator:**

Four bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0