

View Online at <https://aerobasegroup.com/nsn/5985-01-104-7484>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

1.003 inches single flange and 1.006 inches single flange

**Flange Inside Height:**

0.503 inches single flange and 0.506 inches single flange

**Flange Outside Width:**

1.610 inches single flange and 1.640 inches single flange

**Flange Outside Height:**

1.610 inches single flange and 1.640 inches single flange

**Flange Depth:**

0.423 inches single flange and 0.453 inches single flange

**Flange Connecting Hole Diameter:**

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

**Voltage Standing Wave Ratio:**

1.25

**Insertion Loss In Decibels:**

0.10

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

1.358 inches

**Adapter Height:**

Between 1.610 inches and 1.640 inches

**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

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole single flange all connection facilities

**Flange Style:**

Cover type single flange

**Adapterwidth:**

Between 1.610 inches and 1.640 inches

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Enamel single tubing segment outside surfaces

**Style Designator:**

Waveguide to coaxial

**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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