

View Online at <https://aerobasegroup.com/nsn/5985-01-067-4628>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

2.003 inches single flange and 2.009 inches single flange

**Flange Inside Height:**

1.003 inches single flange and 1.009 inches single flange

**Flange Outside Diameter:**

3.610 inches single flange and 3.640 inches single flange

**Flange Depth:**

0.360 inches single flange and 0.390 inches single flange

**Flange Connecting Hole Diameter:**

0.195 inches single flange all connection facilities and 0.203 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:**

3.687 inches

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole single flange all connection facilities

**Adapter Diameter:**

Between 3.610 inches and 3.640 inches

**Flange Style:**

Cover type single flange

**Adapterheight:**

4.257 inches

**Material:**

Aluminum alloy single tubing segment and flange

**Style Designator:**

Waveguide to coaxial

**Specification Data:**

81349-mil-a-22641/16 government specification

**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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