## NSN 5985-00-400-2575

Waveguide Assembly - Page 1 of 2



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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:** 

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches second flange and 1.006 inches second flange

Flange Inside Height:

0.503 inches second flange and 0.506 inches second flange

Flange Outside Width:

1.610 inches second flange and 1.640 inches second flange

Flange Outside Height:

1.610 inches first flange and 1.640 inches first flange

Flange Inside Diameter:

1.406 inches first flange and 1.437 inches first flange

Flange Depth:

0.423 inches second flange and 0.453 inches second 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:** 

1.05

**Insertion Loss In Decibels:** 

0.10

**Maximum Operating Pressure:** 

5.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches first flange all connection facilities

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

**Waveguide Longer Offset Distance:** 

1.500 inches

## NSN 5985-00-400-2575

Waveguide Assembly - Page 2 of 2



## Flange Connecting Facility And Quantity: 4 unthreaded hole second flange all connection facilities Flange Style:

Cover type second flange

**Waveguide Offset Distance:** 

1.156 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Style Designator:

Bend type

**Thread Series Designator:** 

Unc first flange all connection facilities

**Fsc Application Data:** 

Antennas, waveguides, and related equipment

Shelf Life:

N/a

**Unit Of Measure:** 

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**Demilitarization:** 

Yes - demil/mli

Fiig:

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