# NSN 5985-01-368-8953

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 single tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

0.896 inches first flange and 0.904 inches first flange0.896 inches second flange and 0.904 inches second flange

#### Flange Inside Height:

0.396 inches first flange and 0.404 inches first flange0.396 inches second flange and 0.404 inches second flange

#### Flange Outside Width:

1.610 inches first flange and 1.630 inches first flange1.610 inches second flange and 1.630 inches second flange

# Flange Outside Height:

1.610 inches first flange and 1.630 inches first flange1.610 inches second flange and 1.630 inches second flange

#### Flange Depth:

0.423 inches first flange and 0.453 inches first flange0.423 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

#### **Maximum Operating Pressure:**

15.0 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

#### Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities4 unthreaded hole second flange all connection facilities

# Waveguide Fifth Leg Length:

4.600 inches

# Flange Style:

Choke type first flangecover type second flange

# Waveguide Second Leg Length:

3.150 inches

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Waveguide Third Leg Length:
11.300 inches
Flexibility:
Rigid single tubing segment
Material:
Aluminum alloy single tubing segmentaluminum alloy all flange
Style Designator:
Four bend type
Thread Series Designator:
Unc first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A073a0