# NSN 5985-01-272-3443

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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:

0.362 inches second flange and 0.364 inches second flange

#### Flange Inside Height:

0.222 inches second flange and 0.224 inches second flange

#### Flange Outside Width:

0.735 inches first flange and 0.765 inches first flange

## Flange Outside Height:

0.735 inches first flange and 0.765 inches first flange

## Flange Inside Diameter:

0.485 inches first flange and 0.515 inches first flange

# Flange Depth:

0.195 inches first flange and 0.225 inches first flange

#### Flange Connecting Hole Diameter:

0.116 inches second flange all connection facilities and 0.118 inches second flange all connection facilities

# **Voltage Standing Wave Ratio:**

1.07

# **Insertion Loss In Decibels:**

0.20

#### **Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

#### **Thread Size:**

0.112 inches first flange all connection facilities

## Waveguide Inside Width:

Between 0.279 inches and 0.282 inches

#### **Waveguide Inside Height:**

Between 0.139 inches and 0.142 inches

# **Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

# Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

## Waveguide First Leg Length:

0.495 inches

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Flange Style:
Cover type second flange
Waveguide Second Leg Length:
0.695 inches
Waveguide Third Leg Length:
1.448 inches
Waveguide Fourth Leg Length:
2.440 inches
Flexibility:
Rigid all tubing segment
Material:
Metal all tubing segment and flange
Precious Material And Location:
Flange face surfaces rhodium and flange face surfaces silver
Precious Material:
Rhodium and silver
Surface Treatment:
Enamel all tubing segment and flange outside surfaces
Style Designator:
Three 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:
Demilitarization:
Yes - demil/mli
Fiig:
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