# NSN 5985-01-342-4022

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# **Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

#### **Thread Class:**

2b all flanges first connection facility

#### **Thread Direction:**

Right-hand all flanges first connection facility

#### **Tubing Wall Construction Style:**

Seamless single tubing segment

# Flange Quantity:

2

### Flange Inside Width:

0.688 inches all flanges and 0.694 inches all flanges

#### Flange Inside Height:

0.318 inches all flanges and 0.324 inches all flanges

#### Flange Outside Width:

1.360 inches all flanges and 1.390 inches all flanges

#### Flange Outside Height:

1.360 inches all flanges and 1.390 inches all flanges

# Flange Depth:

0.235 inches all flanges and 0.265 inches all flanges

# Flange Connecting Hole Diameter:

0.0960 inches all flanges second connection facility and 0.0965 inches all flanges second connection facility

#### **Voltage Standing Wave Ratio:**

1.25

#### **Insertion Loss In Decibels:**

0.30

# **Waveguide Outside Width:**

Between 0.788 inches and 0.794 inches

#### **Thread Size:**

0.138 inches all flanges first connection facility

# Waveguide Inside Width:

Between 0.688 inches and 0.694 inches

# **Waveguide Inside Height:**

Between 0.318 inches and 0.324 inches

#### **Waveguide Outside Height:**

Between 0.418 inches and 0.424 inches

# Flange Connecting Facility And Quantity:

4 threaded hole all flanges first connection facility

# Flange Style:

Contact, double ridge type all flanges

# Waveguide Length:

2.500 inches

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Waveguide Center To Center Distance:
0.800 inches
Special Features:
Power rating 800 watts average
Flexibility:
Flexible single tubing segment
Material:
Copper alloy single tubing segment
Precious Material And Location:
Internal waveguide surface silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment inside surfaces
Style Designator:
Offset bend type
Thread Series Designator:
Unc all flanges first connection facility
Fsc Application Data:
Antennas, waveguide and related equipment
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
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