# NSN 5985-01-271-7279

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# **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b second flange all connection facilities

**Thread Direction:** 

Right-hand second flange all connection facilities

**End Application:** 

Landing control central an/spn-42

**Tubing Wall Construction Style:** 

Seamless all tubing segment

Flange Quantity:

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Flange Inside Width:

0.2786 inches second flange and 0.2814 inches second flange

Flange Inside Height:

0.1386 inches second flange and 0.1414 inches second flange

Flange Outside Width:

0.735 inches second flange and 0.765 inches second flange

Flange Outside Height:

0.735 inches second flange and 0.765 inches second flange

Flange Inside Diameter:

0.485 inches second flange and 0.515 inches second flange

Flange Depth:

0.195 inches second flange and 0.225 inches second flange

**Voltage Standing Wave Ratio:** 

1.08

**Insertion Loss In Decibels:** 

0.20

Thready Qty Per Inch (tpi):

40 second flange all connection facilities

**Maximum Operating Pressure:** 

30.0 pounds per square inch gage

**Waveguide Outside Width:** 

Between 0.358 inches and 0.362 inches

**Thread Size:** 

0.112 inches second flange all connection facilities

Waveguide Inside Width:

Between 0.2785 inches and 0.2815 inches

**Waveguide Inside Height:** 

Between 0.1385 inches and 0.1415 inches

**Waveguide Outside Height:** 

Between 0.218 inches and 0.222 inches

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# **Waveguide Longer Offset Distance:**

Between 0.855 inches and 0.865 inches

# Flange Connecting Facility And Quantity:

4 threaded hole second flange all connection facilities

# Flange Style:

Choke type second flange

# Waveguide Length:

Between 1.195 inches and 1.205 inches

# Flexibility:

Rigid all tubing segment

#### Material:

Copper alloy all tubing segment and flange

#### **Precious Material And Location:**

Waveguide inner surfaces silver and flange face silver

#### **Precious Material:**

Silver

#### **Surface Treatment:**

Silver all tubing segment inside surfaces

# **Style Designator:**

Tee, series type

# **Thread Series Designator:**

Unc second 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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