# NSN 5985-01-357-1094

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# Cross Sectional Shape:

Internal, rectangular external, rectangular

# **Thread Class:**

2b all flanges all connection facilities

# **Thread Direction:**

Right-hand all flanges all connection facilities

# **Tubing Wall Construction Style:**

Seamless single tubing segment

# Flange Quantity:

2

# Flange Inside Height:

0.309 inches all flanges and 0.313 inches all flanges

# Flange Outside Width:

1.297 inches all flanges and 1.327 inches all flanges

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1.297 inches all flanges and 1.327 inches all flanges

# Flange Depth:

0.360 inches all flanges and 0.390 inches all flanges

# Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

# Thread Size:

0.138 inches all flanges all connection facilities

# Waveguide Inside Width:

Between 0.620 inches and 0.625 inches

# Waveguide Inside Height:

Between 0.309 inches and 0.314 inches

# Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

# Flange Connecting Facility And Quantity:

4 threaded hole all flanges all connection facilities

# Waveguide First Leg Length:

1.313 inches

#### Waveguide Fifth Leg Length:

4.406 inches

Flange Style:

Choke type all flanges

# Waveguide Second Leg Length:

0.455 inches

# Waveguide Sixth Leg Length:

8.569 inches

# Waveguide Third Leg Length:

5.085 inches

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# Waveguide Fourth Leg Length:

2.683 inches

# Flexibility:

Flexible single tubing segment

# Material:

Aluminum alloy all tubing segment and flange

# Surface Treatment:

Chromate zinc all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

# Style Designator:

Five bend type

# Thread Series Designator:

Unc all flanges all connection facilities

# **Fsc Application Data:**

Antennas, waveguides, and related equip.

# Shelf Life:

N/a

# Unit Of Measure:

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# Demilitarization:

Yes - demil/mli

Fiig:

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