# NSN 5985-00-177-3591

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#### **Unable To Decode:**

Internal, rectangular external, rectangular

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

Seamless single tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

1.253 inches all flanges and 1.256 inches all flanges

#### Flange Inside Height:

0.628 inches all flanges and 0.631 inches all flanges

#### Flange Outside Width:

1.860 inches all flanges and 1.890 inches all flanges

#### Flange Outside Height:

1.860 inches all flanges and 1.890 inches all flanges

#### Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

# Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

# **Voltage Standing Wave Ratio:**

1.08

# **Maximum Operating Pressure:**

5.0 pounds per square inch gage

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

Between 1.246 inches and 1.254 inches

# Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

# **Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

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

Between 0.621 inches and 0.629 inches

# Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

# Flange Style:

Cover type all flanges

# Waveguide Length:

Between 14.720 inches and 14.780 inches

# **Waveguide Center To Center Distance:**

Between 4.970 inches and 5.030 inches

# **Special Features:**

Protect flanges with plastic covers; stencil "do not kink" on waveguide surface

#### Flexibility:

Flexible single tubing segment

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Material:
Copper alloy all tubing segment and flange
Precious Material And Location:
All surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver all tubing segment and flange outside surfaces
Style Designator:
Offset bend type
Fsc Application Data:
Antennas, waveguides, and related equipment
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli

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