# NSN 5985-01-094-4445

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### **Cross Sectional Shape:**

Internal, rectangular external, rectangular

#### Bend Angle In Deg:

90.0 single bend h-plane

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

Seamless single tubing segment

### Flange Quantity:

2

#### Flange Inside Width:

1.003 inches all flanges

#### Flange Inside Height:

0.503 inches all flanges

#### Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

#### Flange Outside Height:

1.610 inches all flanges and 1.640 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

# **Voltage Standing Wave Ratio:**

1.07

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

0.07

# **Maximum Operating Pressure:**

20.0 pounds per square inch gage

### **Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

#### **Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

# Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

### **Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

### **Waveguide Longer Offset Distance:**

2.040 inches

# Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

### Flange Style:

Cover type all flanges

#### **Waveguide Offset Distance:**

2.040 inches

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# **Special Features:**

8.5 to 10.5 ghz; 600 w avg power and 60 kw peak

Flexibility:

Flexible single tubing segment

Material:

Copper alloy single tubing segment

**Surface Treatment:** 

Rubber single tubing segment outside surfaces

Style Designator:

Bend type

**Fsc Application Data:** 

Antennas, waveguides, and related equipment

Shelf Life:

N/a

**Unit Of Measure:** 

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Demilitarization:

Yes - demil/mli

Fiig:

A073a0