# NSN 5985-00-172-6291

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#### **Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

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

Seamless second tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

0.688 inches first flange and 0.693 inches first flange

#### Flange Inside Height:

0.318 inches first flange and 0.323 inches first flange

#### Flange Outside Width:

1.358 inches first flange and 1.390 inches first flange

#### Flange Outside Height:

1.358 inches first flange and 1.390 inches first flange

#### Flange Depth:

0.235 inches first flange and 0.255 inches first flange

## Flange Connecting Hole Diameter:

0.143 inches first flange first connection facility and 0.149 inches first flange first connection facility

# **Voltage Standing Wave Ratio:**

1.60

# **Waveguide Outside Width:**

0.791 inches

#### Waveguide Inside Width:

Between 0.688 inches and 0.693 inches

### **Waveguide Inside Height:**

Between 0.318 inches and 0.323 inches

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

0.421 inches

#### Flange Connecting Facility And Quantity:

4 unthreaded hole first flange first connection facility

#### Flange Style:

Contact, double ridge type first flange

# **Special Features:**

Flanges pressurized, furnished w/ rf/ pressure seal and 0.625 in. Lg screw and lockwasher for ea mtg hole

#### Flexibility:

Flexible third tubing segment

#### Material:

Rubber chloroprene all tubing jacket or rubber silicone all tubing jacket

# **Precious Material And Location:**

Waveguide surfaces silver

#### **Precious Material:**

Silver

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Silver third tubing segment all surfaces

**Style Designator:** 

Four 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:

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