# NSN 5985-01-111-0472

Waveguide Adapter - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-111-0472

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

Internal, rectangular external, rectangular

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

Convolute single tubing segment

#### **Tubing Twist Type:**

Twistable single tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

1.122 inches second flange

#### Flange Inside Height:

0.497 inches second flange

#### Flange Outside Width:

2.500 inches second flange

#### Flange Outside Height:

1.750 inches second flange

#### Flange Inside Diameter:

1.422 inches first flange

## Flange Depth:

0.500 inches second flange

# Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities

#### **Voltage Standing Wave Ratio:**

1.20

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

0.20

#### Adapter Length:

Between 1.650 feet and 1.685 feet

#### **Maximum Operating Pressure:**

10.0 pounds per square inch gage

# **Waveguide Outside Width:**

1.000 inches and 1.250 inches

#### Waveguide Inside Width:

0.900 inches and 1.122 inches

#### **Waveguide Inside Height:**

0.400 inches and 0.497 inches

# **Waveguide Outside Height:**

0.500 inches and 0.625 inches

# Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

# Flange Style:

Contact type second flange

# NSN 5985-01-111-0472

Waveguide Adapter - Page 2 of 2



S	nec	ial	Fea	tun	29
J	มษน	,ıaı	ГСО	แน	<b>C</b> 3

Operating temperature minus 30 degrees celsius to plus 70 degrees celsius

Material:

Rubber synthetic single tubing jacket

**Precious Material And Location:** 

Waveguide internal surfaces silver

**Precious Material:** 

Silver

**Surface Treatment:** 

Nickel all flange all surfaces

**Style Designator:** 

Waveguide to waveguide

Shelf Life:

N/a

**Unit Of Measure:** 

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0