# NSN 5985-00-997-9221

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-997-9221

## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

#### **Thread Class:**

2b second flange single connection facility

## **Thread Direction:**

Right-hand second flange single connection facility

# Tubing Wall Construction Style:

Convolute single tubing segment

## Flange Quantity:

2

## Flange Inside Width:

3.002 inches first flange

## Flange Inside Height:

1.502 inches first flange

# Flange Outside Diameter:

5.313 inches second flange

## Flange Depth:

1.250 inches second flange

# Flange Connecting Hole Diameter:

0.257 inches first flange single connection facility

# Voltage Standing Wave Ratio:

1.10

#### Insertion Loss In Decibels:

0.03

#### Waveguide Outside Width:

3.000 inches

## Thread Size:

0.250 inches second flange single connection facility

# Waveguide Inside Width:

2.840 inches

#### Waveguide Inside Height:

1.340 inches

#### Waveguide Outside Height:

1.500 inches

# Waveguide Longer Offset Distance:

3.950 inches

# Flange Connecting Facility And Quantity:

8 unthreaded hole first flange single connection facility

#### Flange Style:

Cover type first flange

#### Waveguide Offset Distance:

3.940 inches

# NSN 5985-00-997-9221

Waveguide Assembly - Page 2 of 2



Flexibility:

Flexible single tubing segment

Material:

Copper alloy single tubing segment and flange

# **Precious Material And Location:**

Interior surfaces and flange faces silver

# **Precious Material:**

Silver

### Surface Treatment:

Silver single tubing segment and flange inside surfaces

Style Designator:

Bend type

# **Thread Series Designator:**

Unc second flange single connection facility

## Fsc Application Data:

Trainer radar

Shelf Life:

N/a

--

#### Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

A073a0