# NSN 5985-00-825-1424

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-825-1424

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

Internal, rectangular external, rectangular

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

Seamless single tubing segment

Flange Quantity:

2

#### Flange Inside Width:

0.705 inches second flange and 0.707 inches second flange

#### Flange Inside Height:

0.394 inches second flange and 0.396 inches second flange

#### Flange Outside Width:

1.298 inches second flange and 1.328 inches second flange

#### Flange Outside Height:

1.298 inches all flanges

#### Flange Inside Diameter:

1.005 inches second flange

#### Flange Depth:

0.390 inches second flange

### Flange Connecting Hole Diameter:

0.144 inches second flange single connection facility and 0.147 inches second flange single connection facility

# **Maximum Operating Pressure:**

30.0 pounds per square inch gage

# Waveguide Outside Width:

0.702 inches

#### Waveguide Inside Width:

0.622 inches

# **Waveguide Inside Height:**

0.311 inches

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

0.391 inches

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

3.906 inches

#### Flange Connecting Facility And Quantity:

4 unthreaded hole second flange single connection facility

#### Flange Style:

Cover type second flange

# **Waveguide Offset Distance:**

3.844 inches

#### **Special Features:**

90 degree bend angle

#### Flexibility:

Flexible single tubing segment

# **NSN 5985-00-825-1424** Waveguide Assembly - Page 2 of 2



Material:
Rubber synthetic single tubing jacket
Precious Material And Location:
Tubing and flange interior silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment inside surfaces
Style Designator:
Bend type
Fsc Application Data:
Antenna receiver transmitter group missile tracking
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A073a0