# NSN 5985-00-819-4480

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-819-4480

# **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:** 

Seamless single tubing segment

Flange Quantity:

2

# Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities and 0.177 inches second flange all connection facilities

# **Voltage Standing Wave Ratio:**

1.06

# **Maximum Operating Pressure:**

30.0 pounds per square inch gage

# **Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

# **Thread Size:**

0.138 inches first flange all connection facilities

# Waveguide Inside Width:

Between 0.6195 inches and 0.6245 inches

# **Waveguide Inside Height:**

Between 0.3085 inches and 0.3135 inches

# Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

# **Waveguide Longer Offset Distance:**

Between 1.463 inches and 1.473 inches

# Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

# **Waveguide Offset Distance:**

Between 1.151 inches and 1.161 inches

# Flexibility:

Rigid single tubing segment

# Material:

Aluminum alloy all tubing segment and flange

# **Surface Treatment:**

Paint all tubing segment and flange outside surfaces

# **Style Designator:**

Bend type

# **Thread Series Designator:**

Unc first flange all connection facilities

# NSN 5985-00-819-4480

Waveguide Assembly - Page 2 of 2



| Fsc Application Data | Fsc Appl | ication | Data |
|----------------------|----------|---------|------|
|----------------------|----------|---------|------|

Antennas, waveguides, and related equipment

Shelf Life:

N/a

**Unit Of Measure:** 

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0