# NSN 5985-01-224-8306

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# **Cross Sectional Shape:**

Internal, rectangular external, rectangular

# Bend Angle In Deg:

90.0 single bend h-plane

# **End Application:**

Synchro receiver, r-1979/aps-124 used on sh-60b helicopter lamps mk 3

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

Seamless all tubing segment

# Flange Quantity:

2

#### Flange Inside Width:

1.003 inches and 1.006 inches first flange

#### Flange Inside Height:

0.503 inches and 0.506 inches first flange

#### Flange Outside Width:

1.610 inches and 1.640 inches first flange

# Flange Outside Height:

1.610 inches and 1.640 inches first flange

# Flange Depth:

0.423 inches and 0.453 inches first flange

# Flange Connecting Hole Diameter:

0.169 inches and 0.172 inches first flange all connection facilities

#### **Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

#### Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

# **Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

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

Between 0.496 inches and 0.504 inches

# **Waveguide Longer Offset Distance:**

1.250 inches

# Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

# Flange Style:

Cover type first flange

# **Waveguide Offset Distance:**

1.125 inches

# Flexibility:

Rigid all tubing segment

#### Material:

Aluminum alloy all tubing segment and flange

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Paint all tubing segment and flange outside surfaces

**Style Designator:** 

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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