## NSN 5985-00-943-8447

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-943-8447

## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b all flanges all connection facilities

**Thread Direction:** 

Right-hand all flanges all connection facilities

Bend Angle In Deg:

90.0 single bend h-plane

**Tubing Wall Construction Style:** 

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.872 inches second flange

Flange Inside Height:

0.872 inches second flange

Flange Outside Diameter:

5.000 inches second flange

Flange Depth:

0.938 inches first flange

**Voltage Standing Wave Ratio:** 

1.08

**Insertion Loss In Decibels:** 

0.01

**Waveguide Outside Width:** 

2.000 inches

**Thread Size:** 

0.190 inches all flanges all connection facilities

Waveguide Inside Width:

1.872 inches

**Waveguide Inside Height:** 

0.872 inches

**Waveguide Outside Height:** 

1.000 inches

**Waveguide Longer Offset Distance:** 

3.840 inches

Flange Connecting Facility And Quantity:

8 threaded hole all flanges all connection facilities

Flange Style:

Cover type second flange

**Waveguide Offset Distance:** 

2.310 inches

## **NSN 5985-00-943-8447** Waveguide Assembly - Page 2 of 2



Flexibility:
Rigid single tubing segment
Material:
Aluminum all tubing segment and flange
Surface Treatment:
Enamel all tubing segment and flange outside surfaces
Style Designator:
Elbow type
Thread Series Designator:
Unf all flanges all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:

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