## NSN 5985-00-553-6532

Waveguide Assembly - Page 1 of 2



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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2a first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

**Tubing Wall Construction Style:** 

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches second flange

Flange Inside Height:

0.505 inches second flange

Flange Outside Width:

1.625 inches second flange

Flange Outside Height:

1.625 inches first flange

Flange Depth:

0.438 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

**Voltage Standing Wave Ratio:** 

1.05

**Insertion Loss In Decibels:** 

0.03

**Waveguide Outside Width:** 

Between 0.996 inches and 1.004 inches

**Thread Size:** 

0.164 inches first flange all connection facilities

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:** 

3.562 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange single connection facility

## **NSN 5985-00-553-6532** Waveguide Assembly - Page 2 of 2



Flange Style:
Cover type second flange
Waveguide Offset Distance:
3.562 inches
Flexibility:
Rigid single tubing segment
Material:
Aluminum alloy single tubing segment
Surface Treatment:
Enamel single tubing segment outside surfaces
Style Designator:
Bend type
Thread Series Designator:
Unc first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:

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