## NSN 5985-00-491-7527

Waveguide Adapter - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-491-7527

## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b single flange single connection facility

**Thread Direction:** 

Right-hand single flange single connection facility

**Tubing Wall Construction Style:** 

Seamless single tubing segment

Flange Quantity:

1

Flange Inside Width:

1.006 inches second flange

Flange Inside Height:

0.506 inches second flange

Flange Outside Width:

1.640 inches second flange

Flange Outside Height:

1.640 inches second flange

Flange Depth:

0.453 inches second flange

**Voltage Standing Wave Ratio:** 

1.25

**Connector End Design:** 

Female

Adapter Length:

1.280 inches

**Adapter Height:** 

1.625 inches

**Waveguide Outside Width:** 

Between 0.997 inches and 1.003 inches

**Thread Size:** 

0.164 inches single flange single connection facility

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

**Waveguide Inside Height:** 

Between 0.397 inches and 0.403 inches

**Waveguide Outside Height:** 

Between 0.497 inches and 0.503 inches

Flange Connecting Facility And Quantity:

4 threaded hole single flange single connection facility

Flange Style:

Cover type single flange

## NSN 5985-00-491-7527

Waveguide Adapter - Page 2 of 2



Adapterwidth:
1.625 inches
Material:
Aluminum alloy single tubing segment
Surface Treatment:
Any acceptable single tubing segment inside surfaces
Style Designator:
Waveguide to coaxial
Thread Series Designator:
Unc single flange single connection facility
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:

A073a0