## NSN 5985-00-225-2541

Waveguide Assembly - Page 1 of 2



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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

Flange Quantity:

2

Flange Inside Width:

1.312 inches second flange

Flange Inside Height:

0.628 inches second flange

Flange Outside Width:

1.875 inches second flange

Flange Outside Height:

1.875 inches second flange

Flange Inside Diameter:

1.352 inches second flange

Flange Depth:

0.625 inches first flange

## Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

**Voltage Standing Wave Ratio:** 

1.08

**Insertion Loss In Decibels:** 

0.06

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

**Waveguide Outside Width:** 

Between 1.246 inches and 1.254 inches

**Thread Size:** 

0.164 inches first flange all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:** 

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:** 

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

## **NSN 5985-00-225-2541** Waveguide Assembly - Page 2 of 2



Waveguide Length:
10.700 inches
Flexibility:
Flexible single tubing segment
Material:
Rubber natural single tubing jacket
Precious Material And Location:
Tubing internal ans external surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment inside surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc first flange all connection facilities
Fsc Application Data:
Countermeasures set
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A073a0