## NSN 5985-00-793-7938

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

**Tubing Wall Construction Style:** 

Convolute single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.253 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:

1.625 inches first flange

Flange Depth:

0.625 inches first flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

**Voltage Standing Wave Ratio:** 

1.10

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

**Waveguide Outside Width:** 

1.250 inches

**Thread Size:** 

0.164 inches first flange all connection facilities

Waveguide Inside Width:

1.122 inches

**Waveguide Inside Height:** 

0.497 inches

**Waveguide Outside Height:** 

0.625 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

## **NSN 5985-00-793-7938** Waveguide Assembly - Page 2 of 2



Waveguide Length:
6.813 inches
Flexibility:
Flexible single tubing segment
Material:
Rubber single tubing jacket
Precious Material And Location:
Tubing and flange surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment all surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc first flange all connection facilities
Fsc Application Data:
Multiapplication
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
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