NSN 5985-00-252-7952

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-252-7952

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:

Seamless single tubing segment

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:

1.159 inches all flanges

Flange Depth:

0.625 inches first flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.12

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 5985-00-252-7952

Waveguide Assembly - Page 2 of 2



Waveguide Length: 1.750 inches Flexibility: Flexible single tubing segment Material: Rubber natural single tubing jacket **Precious Material And Location:** Tubing internal surface 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 Shelf Life: N/a Unit Of Measure: ---Demilitarization: Yes - demil/mli Fiig: A073a0