NSN 5985-01-064-0539

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-064-0539

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 all bends h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.2786 inches all flanges and 0.2814 inches all flanges

Flange Inside Height:

0.1386 inches all flanges and 0.1414 inches all flanges

Flange Outside Width:

0.745 inches all flanges and 0.755 inches all flanges

Flange Outside Height:

0.735 inches all flanges and 0.765 inches all flanges

Flange Inside Diameter:

0.485 inches all flanges and 0.515 inches all flanges

Flange Depth:

0.195 inches all flanges and 0.225 inches all flanges

Flange Connecting Hole Diameter:

0.116 inches all flanges single connection facility

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

1.00

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Waveguide Inside Width:

Between 0.2785 inches and 0.2815 inches

Waveguide Inside Height:

Between 0.1385 inches and 0.1415 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges single connection facility

Flange Style:

Choke type all flanges

Flexibility:

Rigid single tubing segment

Material:

Silver alloy single tubing segment

NSN 5985-01-064-0539

Waveguide Assembly - Page 2 of 2



Precious Material And Location:

Tubing material, outside flanges silver

Precious Material:

Silver

Surface Treatment:

Silver all flange outside surfaces

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A073a0