NSN 5985-01-428-6817

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-428-6817

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches all flanges

Flange Inside Height:

1.002 inches all flanges

Flange Outside Diameter:

3.625 inches all flanges

Flange Depth:

0.375 inches all flanges

Flange Connecting Hole Diameter:

0.199 inches all flanges single connection facility

Voltage Standing Wave Ratio:

1.10

Waveguide Outside Width:

2.000 inches

Waveguide Inside Width:

1.872 inches

Waveguide Inside Height:

0.872 inches

Waveguide Outside Height:

1.000 inches

Waveguide Longer Offset Distance:

7.000 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges single connection facility

Flange Style:

Cover type all flanges

Waveguide Offset Distance:

7.000 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy single tubing segment

Precious Material And Location:

Interior tubing silver and interior tubing rhodium

NSN 5985-01-428-6817

Waveguide Assembly - Page 2 of 2

A073a0



Precious Material:
Silver and rhodium
Surface Treatment:
Silver first tubing segment inside surfaces and rhodium first tubing segment inside surfaces
Style Designator:
Bend type
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig: