NSN 5985-00-446-2756

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-446-2756

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges single connection facility

Thread Direction:

Right-hand all flanges single connection facility

Tubing Wall Construction Style:

Corrugated single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.897 inches all flanges and 0.903 inches all flanges

Flange Inside Height:

0.397 inches all flanges and 0.403 inches all flanges

Flange Outside Width:

1.625 inches all flanges

Flange Outside Height:

1.625 inches all flanges

Flange Depth:

0.438 inches all flanges

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.10

Waveguide Outside Width:

Between 0.997 inches and 1.003 inches

Thread Size:

0.164 inches all flanges single connection facility

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

Waveguide Inside Height:

Between 0.397 inches and 0.403 inches

Waveguide Outside Height:

Between 0.497 inches and 0.503 inches

Waveguide Longer Offset Distance:

Between 4.094 inches and 4.156 inches

Flange Connecting Facility And Quantity:

4 threaded hole all flanges single connection facility

Flange Style:

Choke type all flanges

Waveguide Offset Distance:

Between 2.719 inches and 2.781 inches

NSN 5985-00-446-2756 Waveguide Assembly - Page 2 of 2

Fiig: A073a0



Flexibility:
Flexible single tubing segment
Material:
Rubber synthetic single tubing jacket
Surface Treatment:
Silver single tubing segment inside surfaces and rhodium single tubing segment inside surfaces
Style Designator:
Bend type
Thread Series Designator:
Unc all flanges single connection facility
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli