NSN 5985-00-175-8662

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-175-8662

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

Tubing Wall Construction Style:

Convolute single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches second flange

Flange Inside Height:

1.002 inches second flange

Flange Outside Diameter:

3.625 inches second flange

Flange Depth:

0.938 inches first flange

Flange Connecting Hole Diameter:

0.199 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.01

Waveguide Outside Width:

2.000 inches

Thread Size:

0.190 inches first flange all connection facilities

Waveguide Inside Width:

1.872 inches

Waveguide Inside Height:

0.872 inches

Waveguide Outside Height:

1.000 inches

Waveguide Longer Offset Distance:

8.375 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

NSN 5985-00-175-8662 Waveguide Assembly - Page 2 of 2



Waveguide Offset Distance:
4.500 inches
Flexibility:
Flexible single tubing segment
Material:
Plastic single tubing jacket
Precious Material And Location:
Flange and tubing segment surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment inside surfaces
Style Designator:
Bend type
Thread Series Designator:
Unf first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No
Fiig:
A073a0