NSN 5985-01-109-8263

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-109-8263

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b single flange all connection facilities

Thread Direction:

Right-hand single flange all connection facilities

Tubing Wall Construction Style:

Seamless single tubing segment

Tubing Twist Type:

Straight twist single tubing segment

Tubing Twist Angle In Deg:

240.0 single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.850 inches second flange

Flange Inside Height:

0.475 inches second flange

Flange Outside Width:

1.500 inches second flange

Flange Outside Height:

1.500 inches second flange

Flange Inside Diameter:

1.141 inches single flange

Flange Depth:

0.500 inches first flange

Flange Connecting Hole Diameter:

0.144 inches single flange all connection facilities

Voltage Standing Wave Ratio:

1.12

Thready Qty Per Inch (tpi):

32 single flange all connection facilities

Maximum Operating Pressure:

60.0 pounds per square inch gage

Waveguide Outside Width:

0.850 inches

Thread Size:

0.138 inches single flange all connection facilities

Waveguide Inside Width:

0.750 inches

Waveguide Inside Height:

0.375 inches

NSN 5985-01-109-8263 Waveguide Assembly - Page 2 of 2



Waveguide Outside Height:
0.475 inches
Flange Connecting Facility And Quantity:
4 unthreaded hole second flange all connection facilities
Flange Style:
Cover type second flange
Waveguide Length:
6.000 inches
Flexibility:
Flexible single tubing segment
Material:
Rubber synthetic single tubing jacket
Precious Material And Location:
Waveguide internal surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment all surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc single flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A073a0