NSN 5985-00-802-6655

Waveguide Assembly - Page 1 of 2



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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 all bends h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches second flange

Flange Inside Height:

0.503 inches second flange

Flange Outside Width:

1.625 inches second flange

Flange Outside Height:

1.625 inches first flange

Flange Inside Diameter:

0.909 inches first flange

Flange Depth:

0.438 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.50

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

1.000 inches

Thread Size:

0.164 inches first flange all connection facilities

Waveguide Inside Width:

0.900 inches

Waveguide Inside Height:

0.400 inches

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Waveguide Outside Height:
0.500 inches
Flange Connecting Facility And Quantity:
4 unthreaded hole second flange all connection facilities
Flange Style:
Cover type second flange
Waveguide Length:
3.123 feet
Waveguide Center To Center Distance:
2.068 feet
Flexibility:
Rigid single tubing segment
Material:
Aluminum alloy single tubing segment
Surface Treatment:
Chromate single tubing segment all surfaces
Style Designator:
Offset bend type
Thread Series Designator:
Unc first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
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