NSN 5985-00-093-0197

Waveguide Assembly - Page 1 of 2



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Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular

Thread Class:

2b first flange second connection facility

Thread Direction:

Right-hand first flange second connection facility

End Application:

An/alq-11 (v)

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.120 inches all flanges

Flange Inside Height:

0.525 inches all flanges

Flange Outside Width:

1.969 inches all flanges

Flange Outside Height:

1.391 inches all flanges

Flange Depth:

0.250 inches all flanges

Flange Connecting Hole Diameter:

0.148 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.20

Thready Qty Per Inch (tpi):

32 first flange second connection facility

Waveguide Outside Width:

1.214 inches

Thread Size:

0.138 inches first flange second connection facility

Waveguide Inside Width:

1.120 inches

Waveguide Inside Height:

0.525 inches

Waveguide Outside Height:

0.630 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

NSN 5985-00-093-0197 Waveguide Assembly - Page 2 of 2



Flange Style:
Contact, double ridge type all flanges
Waveguide Length:
2.000 feet
Flexibility:
Flexible single tubing segment
Material:
Copper alloy single tubing segment
Precious Material And Location:
waveguide surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver single tubing segment all surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc first flange second connection facility
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A073a0