NSN 5985-01-611-4044

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-611-4044

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange single connection facility

Thread Direction:

Right-hand first flange single connection facility

End Application:

Cp-2754/bps-1 (v) radar data processor

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.312 inches second flange

Flange Inside Height:

0.628 inches second flange

Flange Outside Width:

1.875 inches second flange

Flange Outside Height:

1.875 inches second flange

Flange Depth:

0.625 inches first flange

Flange Connecting Hole Diameter:

0.169 inches second flange single connection facility

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.06

Thready Qty Per Inch (tpi):

32 first flange single connection facility

Maximum Operating Pressure:

45.0 pounds per square inch gage

Waveguide Outside Width:

1.250 inches

Thread Size:

0.164 inches first flange single connection facility

Waveguide Inside Width:

1.122 inches

Waveguide Inside Height:

0.497 inches

Waveguide Outside Height:

0.625 inches

NSN 5985-01-611-4044

Waveguide Assembly - Page 2 of 2

Yes - demil/mli

Fiig: A073a0



Flange Connecting Facility And Quantity:
4 unthreaded hole second flange single connection facility
Flange Style:
Cover type second flange
Waveguide Length:
5.00 inches
Product Name:
Non-twistable waveguide assembly
Specified Frequency:
Between 7.05 gigahertz and 10.0 gigahertz
Special Features:
Operating temp range: -55 to +100 degrees c; mates w/standard rigid wavequide m85/1-073
Flexibility:
Rigid single tubing segment
Material:
Rubber single tubing jacket
Surface Treatment:
Any acceptable all tubing segment and flange all surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc first flange single connection facility
Shelf Life:
N/a
Unit Of Measure:
Demilitarization: