NSN 5985-00-172-6293

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-172-6293

Unable To Decode:

Internal, rectangular double ridged external, rectangular

Thread Class:

2b second flange first connection facility

Thread Direction:

Right-hand second flange first connection facility

Unable To Decode:

Seamless third tubing segment

Flange Quantity:

2

Flange Inside Width:

0.689 inches first flange and 0.693 inches first flange

Flange Inside Height:

0.319 inches first flange and 0.323 inches first flange

Flange Outside Width:

1.358 inches first flange and 1.390 inches first flange

Flange Outside Height:

1.358 inches first flange and 1.390 inches first flange

Flange Depth:

0.235 inches first flange and 0.255 inches first flange

Flange Connecting Hole Diameter:

0.143 inches first flange first connection facility and 0.149 inches first flange first connection facility

Voltage Standing Wave Ratio:

1.30

Waveguide Outside Width:

0.791 inches

Thread Size:

0.138 inches second flange first connection facility

Waveguide Inside Width:

0.691 inches

Waveguide Inside Height:

0.321 inches

Waveguide Outside Height:

0.421 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange first connection facility

Waveguide First Leg Length:

Between 3.140 inches and 3.200 inches

Unable To Decode:

Contact, double ridge type first flange

Special Features:

1st flange includes rf/pressure seal w/0.625 in. Lg screw and lockwasher for ea mtg hole; flexible portion covered w/molded neoprene or silicone jacket depending on use

NSN 5985-00-172-6293 Waveguide Assembly - Page 2 of 2



Flexibility:
Rigid third tubing segment
Material:
Rubber chloroprene single tubing jacket or rubber silicone single tubing jacket
Precious Material And Location:
Waveguide surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver second tubing segment all surfaces
Style Designator:
Five bend type
Supplementary Features:
Marked one end w/arrow and letters aft
Thread Series Designator:
Unc second flange first connection facility
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A073a0