NSN 5985-01-022-8203

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-022-8203

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.000 inches second flange

Flange Inside Height:

1.000 inches second flange

Flange Outside Diameter:

3.620 inches second flange

Flange Depth:

0.940 inches first flange

Flange Connecting Hole Diameter:

0.219 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.15

Maximum Operating Pressure:

1.0 pounds per square inch gage

Waveguide Outside Width:

2.000 inches

Waveguide Inside Width:

1.872 inches

Waveguide Inside Height:

0.872 inches

Waveguide Outside Height:

1.000 inches

Waveguide Longer Offset Distance:

13.750 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

4.190 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum single tubing segment

NSN 5985-01-022-8203

Waveguide Assembly - Page 2 of 2



Surface Treatment:

Enamel all tubing segment and flange all surfaces

Style Designator:

Bend type

Fsc Application Data:

Radar antenna support sets and radomes except specially designed

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

A073a0