NSN 5985-00-013-9516

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-013-9516

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:

0.362 inches all flanges and 0.364 inches all flanges

Flange Inside Height:

0.181 inches all flanges and 0.182 inches all flanges

Flange Outside Width:

0.745 inches all flanges and 0.755 inches all flanges

Flange Outside Height:

0.755 inches second flange

Flange Depth:

0.182 inches all flanges and 0.192 inches all flanges

Flange Connecting Hole Diameter:

0.116 inches all flanges all connection facilities and 0.118 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

30.0 pounds per square inch gage

Waveguide Outside Width:

0.320 inches

Waveguide Inside Width:

0.280 inches

Waveguide Inside Height:

0.140 inches

Waveguide Outside Height:

0.180 inches

Waveguide Longer Offset Distance:

1.313 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Offset Distance:

1.313 inches

Flexibility:

Rigid single tubing segment

NSN 5985-00-013-9516

Waveguide Assembly - Page 2 of 2

Yes - demil/mli

Fiig: A073a0



Material:
Aluminum alloy all flange
Precious Material And Location:
External surfaces rhodium and external surfaces silver
Precious Material:
Rhodium and silver
Surface Treatment:
Enamel single tubing segment and flange outside surfaces and rhodium single tubing segment and flange outside surfaces and silver single
tubing segment and flange outside surfaces
Style Designator:
Bend type
Shelf Life:
N/a
Unit Of Measure:
Demilitarization: