NSN 5985-01-293-1091

Waveguide Adapter - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-293-1091

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges single connection facility

Thread Direction:

Right-hand all flanges single connection facility

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches first flange and 1.126 inches first flange

Flange Inside Height:

0.493 inches first flange and 0.501 inches first flange

Flange Outside Width:

1.860 inches first flange and 1.890 inches first flange

Flange Outside Height:

1.860 inches first flange and 1.890 inches first flange

Flange Inside Diameter:

1.610 inches first flange and 1.640 inches first flange

Flange Depth:

0.610 inches first flange and 0.640 inches first flange

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.10

Adapter Length:

3.000 inches

Thread Size:

0.164 inches all flanges single connection facility

Flange Connecting Facility And Quantity:

4 threaded hole all flanges single connection facility

Flange Style:

Choke type first flange

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange all surfaces

Style Designator:

Waveguide to waveguide

Thread Series Designator:

Unc all flanges single connection facility

NSN 5985-01-293-1091

Waveguide Adapter - Page 2 of 2



Radar equipment

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0