## NSN 5985-01-264-2908

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-264-2908

## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

**Tubing Wall Construction Style:** 

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.622 inches first flange

Flange Inside Height:

0.311 inches first flange

Flange Outside Width:

1.312 inches first flange

Flange Outside Height:

1.312 inches first flange

Flange Inside Diameter:

1.000 inches first flange

Flange Depth:

0.375 inches first flange

**Voltage Standing Wave Ratio:** 

1.10

**Maximum Operating Pressure:** 

10.0 pounds per square inch gage

**Waveguide Outside Width:** 

Between 0.699 inches and 0.705 inches

**Thread Size:** 

0.138 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.620 inches and 0.625 inches

**Waveguide Inside Height:** 

Between 0.309 inches and 0.314 inches

**Waveguide Outside Height:** 

Between 0.388 inches and 0.391 inches

**Waveguide Longer Offset Distance:** 

5.300 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities

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| Flange Style:   |
|---|
| Choke type first flange                               |
| Waveguide Offset Distance:                            |
| 0.470 inches  |
| Flexibility:  |
| Rigid all tubing segment                              |
| Material:   |
| Copper alloy all tubing segment and flange            |
| Surface Treatment:                                    |
| Primer all tubing segment and flange outside surfaces |
| Style Designator:                                     |
| Bend type   |
| Thread Series Designator:                             |
| Unc first flange all connection facilities            |
| Fsc Application Data:                                 |
| Antennas, waveguides, and related equipment           |
| Shelf Life:   |
| N/a   |
| Unit Of Measure:                                      |
|   |
| Demilitarization:                                     |
| Yes - demil/mli                                       |
| Fiig:   |
| A073a0  |