

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

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