

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4950>

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 third bend e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.854 inches second flange and 0.856 inches second flange

Flange Inside Height:

0.479 inches second flange and 0.481 inches second flange

Flange Outside Width:

1.485 inches second flange and 1.515 inches second flange

Flange Outside Height:

1.485 inches second flange and 1.515 inches second flange

Flange Inside Diameter:

1.126 inches first flange and 1.156 inches first flange

Flange Depth:

0.485 inches first flange and 0.515 inches first flange

Flange Connecting Hole Diameter:

0.144 inches second flange all connection facilities and 0.147 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.15

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.847 inches and 0.853 inches

Thread Size:

0.138 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.747 inches and 0.753 inches

Waveguide Inside Height:

Between 0.372 inches and 0.378 inches

Waveguide Outside Height:

Between 0.472 inches and 0.478 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

1.000 inches

Flange Style:

Cover type second flange

Waveguide Second Leg Length:

14.120 inches

Waveguide Third Leg Length:

3.020 inches

Special Features:

Flange faces free of coating; one flange 63.0 in. Microinch finish

Flexibility:

Rigid all tubing segment

Material:

Metal all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Three 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:

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Demilitarization:

Yes - demil/mli

Fiig:

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