

View Online at <https://aerobasegroup.com/nsn/5985-01-139-3687>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Tubing Wall Construction Style:

Seamless first tubing segment corrugated second tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches first flange and 1.126 inches first flange 1.253 inches second flange and 1.256 inches second flange

Flange Inside Height:

0.493 inches first flange and 0.501 inches first flange 0.628 inches second flange and 0.631 inches second flange

Flange Outside Width:

1.860 inches first flange and 1.890 inches first flange 1.860 inches second flange and 1.890 inches second flange

Flange Outside Height:

1.860 inches first flange and 1.890 inches first flange 1.860 inches second flange and 1.890 inches second 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 0.423 inches second flange and 0.453 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.04

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches first flange all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities 4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

5.250 inches

Waveguide Fifth Leg Length:

2.800 inches

Flange Style:

Choke type first flange cover type second flange

Waveguide Second Leg Length:

2.970 inches

Waveguide Third Leg Length:

7.190 inches

Waveguide Fourth Leg Length:

6.700 inches

Flexibility:

Rigid first tubing segment flexible second tubing segment

Material:

Aluminum alloy first tubing segment copper alloy second tubing segment aluminum alloy all flange

Precious Material And Location:

Inside flexible tubing segment surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver second tubing segment inside surfaces

Style Designator:

Four 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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