

View Online at <https://aerobasegroup.com/nsn/5985-01-096-4376>

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 h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.503 inches second flange and 0.505 inches second flange

Flange Inside Height:

0.253 inches second flange and 0.255 inches second flange

Flange Outside Width:

0.860 inches second flange and 0.890 inches second flange

Flange Outside Height:

0.860 inches second flange and 0.890 inches second flange

Flange Inside Diameter:

0.610 inches first flange and 0.640 inches first flange

Flange Depth:

0.270 inches first flange and 0.300 inches first flange

Flange Connecting Hole Diameter:

0.116 inches second flange all connection facilities and 0.118 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.50

Insertion Loss In Decibels:

0.80

Waveguide Outside Width:

Between 0.497 inches and 0.503 inches

Thread Size:

0.112 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.418 inches and 0.422 inches

Waveguide Inside Height:

Between 0.168 inches and 0.172 inches

Waveguide Outside Height:

Between 0.247 inches and 0.253 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

Between 1.235 inches and 1.265 inches

Waveguide Fifth Leg Length:

Between 2.235 inches and 2.265 inches

Flange Style:

Cover type second flange

Waveguide Second Leg Length:

Between 1.580 inches and 1.620 inches

Waveguide Sixth Leg Length:

Between 0.730 inches and 0.770 inches

Waveguide Third Leg Length:

Between 0.950 inches and 0.990 inches

Waveguide Fourth Leg Length:

5.188 inches

Flexibility:

Rigid all tubing segment

Material:

Metal all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Five 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

Fig:

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