View Online at https://aerobasegroup.com/nsn/5985-00-007-8732

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 third bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches all flanges and 0.707 inches all flanges

Flange Inside Height:

0.394 inches all flanges and 0.396 inches all flanges

Flange Outside Width:

0.298 inches all flanges and 1.328 inches all flanges

Flange Outside Height:

1.298 inches all flanges and 1.328 inches all flanges

Flange Depth:

0.298 inches all flanges and 0.328 inches all flanges

Flange Connecting Hole Diameter:

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.50

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Waveguide Inside Width:

Between 0.6195 inches and 0.6245 inches

Waveguide Inside Height:

Between 0.3085 inches and 0.3135 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

1.510 inches

Waveguide Fifth Leg Length:

12.630 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

3.500 inches

Waveguide Third Leg Length:

4.000 inches

Waveguide Fourth Leg Length:

1.150 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Any acceptable single tubing segment all surfaces

Style Designator:

Four bend type

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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