

View Online at <https://aerobasegroup.com/nsn/5985-00-115-0109>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.223 inches all flanges and 0.225 inches all flanges

Flange Inside Height:

0.111 inches all flanges and 0.113 inches all flanges

Thread Qty Per Inch (tpi):

40 all flanges all connection facilities

Waveguide Outside Width:

Between 0.302 inches and 0.306 inches

Thread Size:

0.112 inches all flanges all connection facilities

Waveguide Inside Width:

Between 0.223 inches and 0.225 inches

Waveguide Inside Height:

Between 0.111 inches and 0.113 inches

Waveguide Outside Height:

Between 0.190 inches and 0.194 inches

Flange Connecting Facility And Quantity:

4 threaded hole all flanges all connection facilities

Waveguide First Leg Length:

1.000 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

1.437 inches

Waveguide Third Leg Length:

5.937 inches

Waveguide Fourth Leg Length:

0.750 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Three bend type

Thread Series Designator:

Unc all flanges 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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