

View Online at <https://aerobasegroup.com/nsn/5985-01-096-6297>

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 single bend e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.362 inches second flange and 0.364 inches second flange

Flange Inside Height:

0.222 inches second flange and 0.224 inches second flange

Flange Outside Width:

0.735 inches first flange and 0.765 inches first flange

Flange Outside Height:

0.735 inches first flange and 0.765 inches first flange

Flange Inside Diameter:

0.485 inches first flange and 0.515 inches first flange

Flange Depth:

0.195 inches first flange and 0.225 inches first flange

Flange Connecting Hole Diameter:

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

Insertion Loss In Decibels:

0.50

Thready Qty Per Inch (tpi):

40 first flange all connection facilities

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.2785 inches and 0.2815 inches

Waveguide Inside Height:

Between 0.1385 inches and 0.1415 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Waveguide Longer Offset Distance:

Between 1.100 inches and 1.140 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

Between 0.673 inches and 0.703 inches

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Primer all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

Style Designator:

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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