

View Online at <https://aerobasegroup.com/nsn/5985-00-177-7157>

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:

60.0 single bend e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.620 inches first flange and 0.624 inches first flange

Flange Inside Height:

0.309 inches first flange and 0.313 inches first flange

Flange Outside Width:

1.297 inches first flange and 1.327 inches first flange

Flange Outside Height:

1.297 inches first flange and 1.327 inches first flange

Flange Inside Diameter:

0.985 inches first flange and 1.015 inches first flange

Flange Depth:

0.360 inches first flange and 0.390 inches first flange

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.50

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Thread Size:

0.138 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.620 inches and 0.625 inches

Waveguide Inside Height:

Between 0.309 inches and 0.314 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Waveguide Longer Offset Distance:

1.520 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Choke type first flange

Waveguide Offset Distance:

0.710 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces and primer 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:

No

Fiig:

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