

View Online at <https://aerobasegroup.com/nsn/5985-01-342-3409>

Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular double indented

Thread Class:

2b first flange first connection facility

Thread Direction:

Right-hand first flange first connection facility

Bend Angle In Deg:

90.0 single bend h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.618 inches all flanges and 0.624 inches all flanges

Flange Inside Height:

0.318 inches all flanges and 0.324 inches all flanges

Flange Outside Width:

1.360 inches all flanges and 1.390 inches all flanges

Flange Outside Height:

1.360 inches all flanges and 1.390 inches all flanges

Flange Depth:

0.235 inches all flanges and 0.265 inches all flanges

Flange Connecting Hole Diameter:

0.145 inches second flange first connection facility and 0.148 inches second flange first connection facility

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.10

Thready Qty Per Inch (tpi):

32 first flange first connection facility

Waveguide Outside Width:

Between 0.788 inches and 0.794 inches

Thread Size:

0.138 inches first flange first connection facility

Waveguide Inside Width:

Between 0.688 inches and 0.694 inches

Waveguide Inside Height:

Between 0.318 inches and 0.324 inches

Waveguide Outside Height:

Between 0.418 inches and 0.424 inches

Waveguide Longer Offset Distance:

0.925 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange first connection facility

Flange Style:

Contact, double ridge type all flanges

Waveguide Offset Distance:

0.925 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange first connection facility

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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