

View Online at <https://aerobasegroup.com/nsn/5985-00-557-9182>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange single connection facility

Thread Direction:

Right-hand first flange single connection facility

Bend Angle In Deg:

45.0 second bend h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.897 inches all flanges and 0.903 inches all flanges

Flange Inside Height:

0.397 inches all flanges and 0.403 inches all flanges

Flange Outside Width:

2.070 inches all flanges and 2.110 inches all flanges

Flange Outside Height:

1.570 inches all flanges and 1.610 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Flange Connecting Hole Diameter:

0.167 inches second flange single connection facility and 0.171 inches second flange single connection facility

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.05

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

1.000 inches

Thread Size:

0.164 inches first flange single connection facility

Waveguide Inside Width:

0.900 inches

Waveguide Inside Height:

0.400 inches

Waveguide Outside Height:

0.500 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange single connection facility

Flange Style:

Contact type all flanges

Waveguide Length:

8.179 inches

Waveguide Center To Center Distance:

3.500 inches

Special Features:

An additional flange on the bent flange end, flange has six 0.213 in. Dia. Holes equally spaced on 4.250 in. Bolt circle, dia. Of flange is 4.750 in., tubing wall construction can also be laminated

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Offset bend type

Thread Series Designator:

Unc first flange single connection facility

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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