

View Online at <https://aerobasegroup.com/nsn/5985-00-086-9129>

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:

30.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.020 inches second flange 1.020 inches second flange

Flange Inside Height:

0.510 inches second flange

Flange Outside Width:

1.688 inches second flange

Flange Outside Height:

1.688 inches second flange

Flange Connecting Hole Diameter:

0.180 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.10

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.143 inches and 1.153 inches

Thread Size:

0.164 inches first flange all connection facilities

Waveguide Inside Width:

Between 1.017 inches and 1.023 inches

Waveguide Inside Height:

Between 0.507 inches and 0.513 inches

Waveguide Outside Height:

Between 0.633 inches and 0.643 inches

Waveguide Longer Offset Distance:

1.848 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

0.360 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum single tubing segment

Surface Treatment:

Enamel single tubing segment outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange all connection facilities

Fsc Application Data:

Antennas, waveguides and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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