

View Online at <https://aerobasegroup.com/nsn/5985-00-242-9783>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

Bend Angle In Deg:

90.0 all bends e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches second flange and 0.707 inches second flange

Flange Inside Height:

0.394 inches second flange and 0.396 inches second flange

Flange Outside Width:

1.298 inches second flange and 1.328 inches second flange

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1.298 inches second flange and 1.328 inches second 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

Flange Connecting Hole Diameter:

0.144 inches first flange all connection facilities and 0.147 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.15

Thready Qty Per Inch (tpi):

32 second flange all connection facilities

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Thread Size:

0.138 inches second flange all connection facilities

Waveguide Inside Width:

Between 0.619 inches and 0.624 inches

Waveguide Inside Height:

Between 0.308 inches and 0.313 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Center To Center Distance:

7.090 inches

Waveguide Height:

1.200 inches

Flexibility:

Rigid single tubing segment

Material:

Copper all flange

Surface Treatment:

Enamel all flange outside surfaces

Style Designator:

Double bend type

Thread Series Designator:

Unc second 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

Fig:

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