

View Online at <https://aerobasegroup.com/nsn/5985-00-239-1185>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.017 inches second flange and 1.023 inches second flange

Flange Inside Height:

0.507 inches second flange and 0.513 inches second flange

Flange Outside Width:

1.672 inches second flange and 1.702 inches second flange

Flange Outside Height:

1.672 inches second flange and 1.702 inches second flange

Flange Inside Diameter:

1.280 inches first flange

Flange Depth:

0.485 inches second flange and 0.513 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.12

Insertion Loss In Decibels:

0.10

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

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

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

Between 3.115 inches and 3.135 inches

Flange Style:

Cover type second flange

Waveguide Second Leg Length:

4.000 inches

Waveguide Third Leg Length:

Between 2.115 inches and 2.135 inches

Waveguide Fourth Leg Length:

1.750 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Surface Treatment:

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

Style Designator:

Three 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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