

View Online at <https://aerobasegroup.com/nsn/5985-01-218-3871>

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:

90.0 all bends h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches and 0.707 inches second flange

Flange Inside Height:

0.394 inches and 0.396 inches second flange

Flange Outside Width:

1.298 inches and 1.328 inches second flange

Flange Outside Height:

1.297 inches and 1.327 inches first flange

Flange Inside Diameter:

0.985 inches and 1.015 inches first flange

Flange Depth:

0.360 inches and 0.390 inches first flange

Flange Connecting Hole Diameter:

0.144 inches and 0.147 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.12

Insertion Loss In Decibels:

0.20

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Thread Size:

0.138 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.6195 inches and 0.6245 inches

Waveguide Inside Height:

Between 0.3085 inches and 0.3135 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Center To Center Distance:

6.850 inches

Waveguide Height:

7.000 inches

Special Features:

Arc detector included

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Chromate and paint all tubing segment and flange outside surfaces

Style Designator:

Double 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:

Yes - demil/mli

Fiig:

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