

View Online at <https://aerobasegroup.com/nsn/5985-01-220-0457>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches and 0.904 inches all flanges

Flange Inside Height:

0.396 inches and 0.404 inches all flanges

Flange Outside Width:

1.610 inches and 1.640 inches all flanges

Flange Outside Height:

1.610 inches and 1.640 inches all flanges

Flange Depth:

0.610 inches and 0.640 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches and 0.172 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

40.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Waveguide Longer Offset Distance:

3.000 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

1.960 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

1.000 inches

Waveguide Offset Distance:

1.960 inches

Special Features:

Frequency range 9.0 to 9.2 ghz; power handling capabil type 400.0 kw peak; operating temperature range minus 54.0 to plus 71.0 degrees c

Flexibility:

Flexible third tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver third tubing segment inside surfaces

Style Designator:

Bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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