

View Online at <https://aerobasegroup.com/nsn/5985-01-106-9969>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.897 inches all flanges and 0.903 inches all flanges

Flange Inside Height:

0.397 inches all flanges and 0.403 inches all flanges

Flange Outside Width:

2.070 inches all flanges and 2.110 inches all flanges

Flange Outside Height:

1.570 inches all flanges and 1.610 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

10.0 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 0.500 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Length:

1.375 inches

Special Features:

Frequency range 10.25-10.50 ghz; power rating 5.0 kw average; shock and vibration tested

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Nickel all flange outside surfaces

Style Designator:

Straight type

Fsc Application Data:

Waveguide assembly

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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