

View Online at <https://aerobasegroup.com/nsn/5985-01-396-2979>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches all flanges and 0.904 inches all flanges

Flange Inside Height:

0.396 inches all flanges and 0.404 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Voltage Standing Wave Ratio:

1.09

Insertion Loss In Decibels:

0.28

Maximum Operating Pressure:

18.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches all flanges all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

4 threaded hole all flanges all connection facilities

Waveguide First Leg Length:

6.500 inches

Waveguide Fifth Leg Length:

Between 12.110 inches and 12.510 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

Between 7.160 inches and 7.560 inches

Waveguide Third Leg Length:

Between 20.510 inches and 20.910 inches

Waveguide Fourth Leg Length:

Between 8.600 inches and 8.800 inches

Special Features:

8.0-8.5 ghz operating frequency

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy single tubing segment

Style Designator:

Four bend type

Thread Series Designator:

Unc all flanges all connection facilities

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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