

View Online at <https://aerobasegroup.com/nsn/5985-01-395-0086>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless all tubing segment

Tubing Twist Type:

Twistable second tubing segment

Tubing Twist Angle In Deg:

20.0 second tubing segment

Flange Quantity:

2

Flange Inside Width:

2.835 inches all flanges and 2.845 inches all flanges

Flange Inside Height:

1.335 inches all flanges and 1.345 inches all flanges

Flange Outside Diameter:

3.000 inches all flanges

Flange Depth:

0.670 inches all flanges and 0.710 inches all flanges

Flange Connecting Hole Diameter:

0.257 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.06

Waveguide Outside Width:

3.000 inches

Waveguide Inside Width:

2.840 inches

Waveguide Inside Height:

1.340 inches

Waveguide Outside Height:

1.500 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

3.750 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

31.150 inches

Waveguide Third Leg Length:

10.250 inches

Waveguide Fourth Leg Length:

5.370 inches

Special Features:

Lfrequency range 2.7 to 2.9 ghz; the unit shall be capable of continuous high power operation when exposed to incident power levels of 10 kilowatts, peak 1.1 kilowatt avg. Under pressurization conditions.

Flexibility:

Rigid third tubing segment

Material:

Copper alloy second tubing segment

Surface Treatment:

Chromate third tubing segment outside surfaces and paint third tubing segment outside surfaces

Style Designator:

Three bend type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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