

View Online at <https://aerobasegroup.com/nsn/5985-01-274-1457>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Bellows all tubing segment

Flange Quantity:

2

Flange Inside Width:

2.840 inches all flanges

Flange Inside Height:

0.670 inches all flanges

Flange Outside Width:

3.750 inches all flanges

Flange Outside Height:

2.330 inches all flanges

Flange Depth:

0.310 inches all flanges

Flange Connecting Hole Diameter:

0.255 inches all flanges all connection facilities and 0.260 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.12

Waveguide Outside Width:

3.000 inches

Waveguide Inside Width:

Between 2.837 inches and 2.843 inches

Waveguide Inside Height:

Between 0.667 inches and 0.673 inches

Waveguide Outside Height:

0.830 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

2.000 inches

Waveguide Fifth Leg Length:

2.000 inches

Flange Style:

Contact type all flanges

Waveguide Second Leg Length:

15.800 inches

Waveguide Third Leg Length:

3.590 inches

Waveguide Fourth Leg Length:

15.800 inches

Flexibility:

Flexible all tubing segment

Material:

Aluminum alloy all flange

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Paint all flange outside surfaces

Style Designator:

Four 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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