

View Online at <https://aerobasegroup.com/nsn/5985-01-342-4020>

Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.688 inches all flanges and 0.694 inches all flanges

Flange Inside Height:

0.318 inches all flanges and 0.324 inches all flanges

Flange Outside Width:

1.360 inches all flanges and 1.390 inches all flanges

Flange Outside Height:

1.360 inches all flanges and 1.390 inches all flanges

Flange Depth:

0.235 inches all flanges and 0.265 inches all flanges

Flange Connecting Hole Diameter:

0.145 inches all flanges first connection facility and 0.148 inches all flanges first connection facility

Voltage Standing Wave Ratio:

1.26

Insertion Loss In Decibels:

0.20

Waveguide Outside Width:

Between 0.788 inches and 0.794 inches

Waveguide Inside Width:

Between 0.688 inches and 0.694 inches

Waveguide Inside Height:

Between 0.318 inches and 0.324 inches

Waveguide Outside Height:

Between 0.418 inches and 0.424 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges first connection facility

Flange Style:

Contact, double ridge type all flanges

Waveguide Length:

3.750 inches

Special Features:

Power rating 800 watts average

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy single tubing segment and flange

Style Designator:

Straight type

Fsc Application Data:

Antennas, waveguide and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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