

View Online at <https://aerobasegroup.com/nsn/5985-01-348-2792>

Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.795 inches all flanges and 0.801 inches all flanges

Flange Inside Height:

0.425 inches all flanges and 0.431 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:

0.142 inches all flanges first connection facility and 0.148 inches all flanges first connection facility 0.096 inches all flanges second connection facility and 0.097 inches all flanges second connection facility

Voltage Standing Wave Ratio:

1.20

Waveguide Outside Width:

Between 0.807 inches and 0.815 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 0.437 inches and 0.445 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges first connection facility 2 unthreaded hole all flanges second connection facility

Flange Style:

Contact, for double ridge waveguide all flanges

Waveguide Center To Center Distance:

4.000 inches

Waveguide Height:

2.550 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Double bend type

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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