

View Online at <https://aerobasegroup.com/nsn/5985-01-532-1961>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Oa-9233a/g

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.372 inches all flanges

Flange Inside Height:

0.872 inches all flanges

Flange Outside Width:

2.690 inches all flanges

Flange Outside Height:

1.940 inches all flanges

Flange Connecting Hole Diameter:

0.194 inches all flanges all connection facilities and 0.198 inches all flanges all connection facilities

Maximum Operating Pressure:

5.0 pounds per square inch gage

Waveguide Outside Width:

1.500 inches

Waveguide Inside Width:

1.372 inches

Waveguide Inside Height:

0.622 inches

Waveguide Outside Height:

0.750 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Product Name:

Waveguide, receive, varized

Specified Frequency:

Between 5.8 gigahertz and 8.2 gigahertz

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment

Supplementary Features:

Power handling: 8000 watts cw. First bend, r1.00 radius; second bend, 30 degrees; third bend, 60 degrees; fourth bend, r1.25 radius; fifth bend, r1.25 radius.

Specification Data:

81349 - mil-w-85/1-066 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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