

View Online at <https://aerobasegroup.com/nsn/5985-01-532-4123>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Oa-9233a/g

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.372 inches all flanges

**Flange Inside Height:**

0.622 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

**Insertion Loss In Decibels:**

2.20

**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

**Waveguide Length:**

58.000 inches

**Product Name:**

Waveguide, receive, varized

**Specified Frequency:**

Between 5.8 gigahertz and 8.2 gigahertz

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 single tubing segment

**Style Designator:**

Straight type

**Supplementary Features:**

Power handling: 8000 watts cw

**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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