

View Online at <https://aerobasegroup.com/nsn/5985-01-533-4696>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

45.0 single bend e-plane

**End Application:**

Oa-923 (v) /g

**Tubing Wall Construction Style:**

Seamless all 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 Depth:**

0.500 inches all flanges

**Flange Connecting Hole Diameter:**

0.438 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**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

**Specified Frequency:**

Between 7.2 gigahertz and 7.7 gigahertz

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy 220 all tubing segment

**Surface Treatment:**

Primer all tubing segment outside surfaces and paint all tubing segment outside surfaces

**Style Designator:**

Bend type

**Supplementary Features:**

First tubing segment length: 1.219 inches. Second tubing segment length: 7.238 inches.

**Specification Data:**

81349 - mil-w-85/1 government specification and 81349 - mil-f-3922/52 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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