

View Online at <https://aerobasegroup.com/nsn/5985-01-532-7684>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Ot-20 (v) /g, transmitter group; next assembly a3273555, a3273573 & a3273646

**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:**

0.196 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**Waveguide Outside Width:**

1.508 inches

**Waveguide Inside Width:**

1.372 inches

**Waveguide Inside Height:**

0.622 inches

**Waveguide Outside Height:**

0.758 inches

**Waveguide Longer Offset Distance:**

3.680 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Offset Distance:**

3.210 inches

**Product Name:**

Waveguide assembly, w497

**Specified Frequency:**

Between 7.9 gigahertz and 8.4 gigahertz

**Flexibility:**

Rigid all tubing segment

**Material:**

Any acceptable all tubing segment and flange

**Surface Treatment:**

Any acceptable all tubing segment and flange all surfaces

**Style Designator:**

Bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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