

View Online at <https://aerobasegroup.com/nsn/5985-01-542-4262>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

As-3199b/tsc, antenna; next assembly a3193008, a3273555, a3273573

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.368 inches first flange and 1.376 inches first flange

**Flange Inside Height:**

0.618 inches first flange and 0.626 inches first flange

**Flange Outside Width:**

2.670 inches first flange and 2.710 inches first flange

**Flange Outside Height:**

1.920 inches first flange and 1.960 inches first flange

**Flange Depth:**

0.480 inches first flange and 0.520 inches first flange

**Flange Connecting Hole Diameter:**

0.192 inches single flange single connection facility and 0.200 inches single flange single connection facility

**Voltage Standing Wave Ratio:**

1.05

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Waveguide Inside Width:**

Between 1.368 inches and 1.374 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Waveguide Longer Offset Distance:**

1.820 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole single flange single connection facility

**Flange Style:**

Contact type first flange

**Waveguide Offset Distance:**

1.750 inches

**Product Name:**

Waveguide assembly, w2

**Specified Frequency:**

Between 7.25 gigahertz and 7.75 gigahertz

**Special Features:**

Second flange, wg (al aly) pn: a3193441-001

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Style Designator:**

Elbow type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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