

View Online at <https://aerobasegroup.com/nsn/5985-01-542-4584>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

As-3199b/tsc, antenna; next assembly a3187873, a3273555, a3273573, sm-e-947866-1 & -2

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.368 inches all flanges and 1.376 inches all flanges

**Flange Inside Height:**

0.618 inches all flanges and 0.626 inches all flanges

**Flange Outside Width:**

2.670 inches all flanges and 2.710 inches all flanges

**Flange Outside Height:**

1.920 inches all flanges and 1.960 inches all flanges

**Flange Depth:**

0.480 inches all flanges and 0.520 inches all flanges

**Flange Connecting Hole Diameter:**

0.192 inches all flanges all connection facilities and 0.200 inches all flanges all connection facilities

**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

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

6.000 inches

**Product Name:**

Waveguide assembly, w305

**Specified Frequency:**

Between 7.25 gigahertz and 7.75 gigahertz

**Special Features:**

Twistable style

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy single tubing segment and flange or copper alloy single tubing segment and flange

**Style Designator:**

Straight type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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