

View Online at <https://aerobasegroup.com/nsn/5985-01-042-2509>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.372 inches first flange

**Flange Inside Height:**

0.622 inches first flange

**Flange Outside Width:**

2.500 inches second flange

**Flange Outside Height:**

1.750 inches second flange

**Flange Outside Diameter:**

3.125 inches first flange

**Flange Depth:**

0.750 inches first flange

**Flange Connecting Hole Diameter:**

0.203 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.05

**Insertion Loss In Decibels:**

0.03

**Adapter Length:**

6.500 inches

**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 second flange all connection facilities

**Flange Style:**

Contact type second flange

**Special Features:**

Mtg holes for 1st flange p/n m3922/60-001 are altered; cooling tube around waveguide tube

**Material:**

Aluminum alloy single tubing segment or copper alloy single tubing segment

**Surface Treatment:**

Paint all tubing segment and flange all surfaces

**Special Test Features:**

Leak rate of assembly to be zero cfh standard air at 0.5 psig

**Style Designator:**

Waveguide to waveguide

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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