

View Online at <https://aerobasegroup.com/nsn/5985-00-057-3322>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Radar set an/apg-59

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.503 inches first flange and 0.505 inches first flange

**Flange Inside Height:**

0.253 inches first flange and 0.255 inches first flange

**Flange Outside Width:**

0.860 inches first flange and 0.890 inches first flange

**Flange Outside Height:**

0.860 inches first flange and 0.890 inches first flange

**Flange Depth:**

0.123 inches first flange and 0.153 inches first flange

**Flange Connecting Hole Diameter:**

0.116 inches first flange all connection facilities and 0.118 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Waveguide Outside Width:**

Between 0.497 inches and 0.503 inches

**Waveguide Inside Width:**

Between 0.417 inches and 0.423 inches

**Waveguide Inside Height:**

Between 0.168 inches and 0.172 inches

**Waveguide Outside Height:**

Between 0.247 inches and 0.253 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Length:**

3.596 inches

**Waveguide Center To Center Distance:**

Between 0.715 inches and 0.735 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy first tubing segment and flange

**Surface Treatment:**

Any acceptable first tubing segment and flange all surfaces

**Style Designator:**

Offset bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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