

View Online at <https://aerobasegroup.com/nsn/5985-00-050-7465>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**End Application:**

Radar set an/apg-59

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.896 inches all flanges and 0.904 inches all flanges

**Flange Inside Height:**

0.396 inches all flanges and 0.404 inches all flanges

**Flange Outside Width:**

1.610 inches all flanges and 1.640 inches all flanges

**Flange Outside Height:**

1.610 inches all flanges and 1.640 inches all flanges

**Flange Inside Diameter:**

1.406 inches all flanges and 1.437 inches all flanges

**Flange Depth:**

0.423 inches all flanges and 0.453 inches all flanges

**Thread Qty Per Inch (tpi):**

32 all flanges all connection facilities

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Thread Size:**

0.164 inches second flange all connection facilities

**Waveguide Inside Width:**

Between 0.986 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Waveguide Length:**

4.382 inches

**Waveguide Center To Center Distance:**

0.924 inches

**Special Features:**

Mtg bracket w/two 8-32nc-2b helical inserts attached to tubing segment

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Any acceptable all tubing segment and flange all surfaces

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unc second flange all connection facilities

**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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