

View Online at <https://aerobasegroup.com/nsn/5985-00-072-9606>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange single connection facility

**Thread Direction:**

Right-hand first flange single connection facility

**Bend Angle In Deg:**

90.0 second bend h-plane

**End Application:**

Radar set an/spg-55b

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.002 inches second flange and 2.005 inches second flange

**Flange Inside Height:**

1.002 inches second flange and 1.005 inches second flange

**Flange Outside Diameter:**

3.625 inches second flange

**Flange Depth:**

0.938 inches first flange

**Flange Connecting Hole Diameter:**

0.203 inches second flange single connection facility and 0.209 inches second flange single connection facility

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Thread Size:**

0.190 inches first flange single connection facility

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange single connection facility

**Flange Style:**

Cover type second flange

**Special Features:**

Second flange 63.0 in. Microinch finish; mtg bracket on tubing segment, aluminum plate w/two slots

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy single tubing segment

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and chromate zinc all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Thread Series Designator:**

Unc first flange single connection facility

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0