

View Online at <https://aerobasegroup.com/nsn/5985-00-073-0719>

**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 first bend e-plane

**End Application:**

Radar set an/spg-55

**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 2.005 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

**Maximum Operating Pressure:**

40.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 2.170 inches and 2.174 inches

**Thread Size:**

0.190 inches first flange single connection facility

**Waveguide Inside Width:**

Between 1.870 inches and 1.874 inches

**Waveguide Inside Height:**

Between 0.870 inches and 0.874 inches

**Waveguide Outside Height:**

Between 1.170 inches and 1.174 inches

**Waveguide Longer Offset Distance:**

Between 18.263 inches and 18.323 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange single connection facility

**Flange Style:**

Contact type second flange

**Waveguide Offset Distance:**

5.593 inches

**Special Features:**

3.500 in. Aluminum bracket mtd. On long leg of waveguide, bracket has two 0.750 in. Lg. By 0.218 in. W. Slots spaced 1.750 in. Apart on centers, tubing wall construction can also be laminated

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Enamel all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc first flange single connection facility

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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