

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4965>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**End Application:**

Radar set an/spg-51c

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.872 inches all flanges

**Voltage Standing Wave Ratio:**

1.06

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Waveguide Inside Width:**

1.872 inches

**Waveguide Inside Height:**

0.872 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Waveguide Longer Offset Distance:**

2.812 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Offset Distance:**

2.600 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Fsc Application Data:**

Antennas, waveguides and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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