

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4964>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 third bend e-plane

**End Application:**

Radar set an/spg-51d

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.07

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**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 all flanges all connection facilities

**Waveguide First Leg Length:**

5.500 inches

**Flange Style:**

Contact type all flanges

**Waveguide Fourth Leg Length:**

2.250 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

**Style Designator:**

Three 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

**Fig:**

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