

View Online at <https://aerobasegroup.com/nsn/5985-01-212-8686>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

45.0 second bend e-plane

**End Application:**

Radar set an/spg-51d

**Tubing Wall Construction Style:**

Corrugated single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.867 inches and 1.877 inches all flanges

**Flange Inside Height:**

0.867 inches and 0.877 inches all flanges

**Flange Outside Width:**

3.480 inches and 3.520 inches all flanges

**Flange Outside Height:**

2.480 inches and 2.520 inches all flanges

**Flange Depth:**

0.670 inches and 0.710 inches all flanges

**Flange Connecting Hole Diameter:**

0.252 inches and 0.262 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.06

**Insertion Loss In Decibels:**

0.05

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

2.000 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:**

1.000 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

14.560 inches

**Waveguide Center To Center Distance:**

8.870 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper single vane

**Surface Treatment:**

Oxide all tubing segment and flange outside surfaces

**Style Designator:**

Offset 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

**Fiig:**

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