

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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