

View Online at <https://aerobasegroup.com/nsn/5985-01-362-8353>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/spg-51

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Waveguide First Leg Length:

3.500 inches

Waveguide Fifth Leg Length:

11.500 inches

Waveguide Second Leg Length:

6.000 inches

Waveguide Third Leg Length:

8.560 inches

Waveguide Fourth Leg Length:

13.840 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Four bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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