

View Online at <https://aerobasegroup.com/nsn/5985-01-219-8801>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/aps-116

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.253 inches second flange

Flange Inside Height:

0.628 inches second flange

Flange Outside Width:

1.860 inches and 1.890 inches second flange

Flange Outside Height:

1.860 inches and 1.890 inches second flange

Flange Depth:

0.423 inches and 0.453 inches second flange

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.08

Maximum Operating Pressure:

26.4 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 Longer Offset Distance:

Between 4.350 inches and 4.410 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

Between 1.530 inches and 1.600 inches

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Any acceptable all tubing segment and flange outside surfaces

Style Designator:

Bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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