

View Online at <https://aerobasegroup.com/nsn/5985-01-397-1544>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/apg-65

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches all flanges and 0.904 inches all flanges

Flange Inside Height:

0.396 inches all flanges and 0.404 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

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

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

0.640 inches

Waveguide Fifth Leg Length:

2.330 inches

Flange Style:

Cover type all flanges

Waveguide Second Leg Length:

2.330 inches

Waveguide Sixth Leg Length:

0.830 inches

Waveguide Third Leg Length:

2.550 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Five bend type

Specification Data:

82577-8655437 manufacturers source control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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