

View Online at <https://aerobasegroup.com/nsn/5985-00-050-7465>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

End Application:

Radar set an/apg-59

Tubing Wall Construction Style:

Seamless single 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 Inside Diameter:

1.406 inches all flanges and 1.437 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Thread Qty Per Inch (tpi):

32 all flanges all connection facilities

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches second flange all connection facilities

Waveguide Inside Width:

Between 0.986 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 threaded hole all flanges all connection facilities

Flange Style:

Choke type all flanges

Waveguide Length:

4.382 inches

Waveguide Center To Center Distance:

0.924 inches

Special Features:

Mtg bracket w/two 8-32nc-2b helical inserts attached to tubing segment

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Any acceptable all tubing segment and flange all surfaces

Style Designator:

Offset bend type

Thread Series Designator:

Unc second flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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