

View Online at <https://aerobasegroup.com/nsn/5985-00-536-0396>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

End Application:

Radar set an/fps-6

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

3.002 inches second flange and 3.005 inches second flange

Flange Inside Height:

1.507 inches second flange and 1.510 inches second flange

Flange Outside Diameter:

5.298 inches first flange and 5.328 inches first flange

Flange Depth:

1.235 inches first flange and 1.265 inches first flange

Flange Connecting Hole Diameter:

0.257 inches second flange all connection facilities and 0.260 inches second flange all connection facilities

Waveguide Outside Width:

Between 2.994 inches and 3.006 inches

Thread Size:

0.250 inches first flange all connection facilities

Waveguide Inside Width:

Between 2.834 inches and 2.846 inches

Waveguide Inside Height:

Between 1.334 inches and 1.346 inches

Waveguide Outside Height:

Between 1.494 inches and 1.506 inches

Waveguide Longer Offset Distance:

44.562 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

7.938 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Any acceptable all tubing segment and flange outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first 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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