

View Online at <https://aerobasegroup.com/nsn/5985-01-162-9205>

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/apg-65

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches second flange and 0.904 inches second flange

Flange Inside Height:

0.396 inches second flange and 0.404 inches second flange

Flange Outside Width:

1.610 inches second flange and 1.640 inches second flange

Flange Outside Height:

1.610 inches first flange and 1.640 inches first flange

Flange Depth:

0.610 inches second flange and 0.640 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

Maximum Operating Pressure:

45.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches first flange all connection facilities

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 second flange all connection facilities

Waveguide First Leg Length:

1.870 inches

Flange Style:

Choke type first flange

Waveguide Second Leg Length:

6.150 inches

Waveguide Third Leg Length:

3.110 inches

Waveguide Fourth Leg Length:

2.890 inches

Flexibility:

Rigid fifth tubing segment

Material:

Copper alloy first tubing segment

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver first tubing segment inside surfaces

Style Designator:

Three 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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