

View Online at <https://aerobasegroup.com/nsn/5985-00-070-8133>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

32 first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 all bends h-plane

End Application:

Missile guidance and tracking set an/spg-55b

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches second flange and 1.006 inches second flange

Flange Inside Height:

0.503 inches second flange and 0.506 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:

0.423 inches second flange and 0.453 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:

10.0 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

Waveguide Longer Offset Distance:

Between 5.719 inches and 5.781 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

0.500 inches

Special Features:

Tubing wall construction can also be laminated

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces gold and internal surfaces silver

Precious Material:

Gold and silver

Surface Treatment:

Silver single tubing segment inside surfaces and gold single tubing segment inside 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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