

View Online at <https://aerobasegroup.com/nsn/5985-01-086-2159>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

45.0 all bends e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches second flange and 0.707 inches second flange

Flange Inside Height:

0.394 inches second flange and 0.396 inches second flange

Flange Outside Width:

1.298 inches second flange and 1.328 inches second flange

Flange Outside Height:

1.298 inches second flange and 1.328 inches second flange

Flange Inside Diameter:

0.985 inches first flange and 1.015 inches first flange

Flange Depth:

0.298 inches second flange and 0.328 inches second flange

Flange Connecting Hole Diameter:

0.144 inches second flange all connection facilities and 0.147 inches second flange all connection facilities

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Thread Size:

0.138 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.6195 inches and 0.6245 inches

Waveguide Inside Height:

Between 0.3085 inches and 0.3135 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

1.050 inches

Flange Style:

Cover type second flange

Waveguide Second Leg Length:

27.000 inches

Waveguide Third Leg Length:

1.100 inches

Special Features:

2 plate clamps accommodates waveguide

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces and chromate all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside 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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