

View Online at <https://aerobasegroup.com/nsn/5985-00-759-4941>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.253 inches second flange and 1.256 inches second flange

Flange Inside Height:

0.628 inches second flange and 0.631 inches second flange

Flange Outside Width:

1.860 inches second flange and 1.860 inches second flange

Flange Outside Height:

1.860 inches second flange and 1.860 inches second flange

Flange Depth:

0.250 inches second flange

Flange Connecting Hole Diameter:

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

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches first flange all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Waveguide Longer Offset Distance:

Between 1.390 inches and 1.410 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

Between 1.390 inches and 1.410 inches

Special Features:

Waveguide flanges are single piece double flanges; choke flanges are bored out to become unthreaded and cover flanges have threaded inserts

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

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

Fig:

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