

View Online at <https://aerobasegroup.com/nsn/5985-01-094-5592>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

Tubing Wall Construction Style:

Seamless third tubing segment

Tubing Twist Type:

Straight twist third tubing segment

Tubing Twist Angle In Deg:

90.0 third tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches second flange and 1.126 inches second flange

Flange Inside Height:

0.493 inches first flange and 0.501 inches first flange

Flange Outside Width:

1.860 inches second flange and 1.890 inches second flange

Flange Outside Height:

1.860 inches second flange and 1.890 inches second flange

Flange Depth:

0.610 inches second flange and 0.610 inches second flange

Flange Connecting Hole Diameter:

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

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Thread Size:

0.164 inches second flange all connection facilities

Waveguide Inside Width:

Between 1.368 inches and 1.376 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

Flange Style:

Cover type second flange

Flexibility:

Rigid third tubing segment

Material:

Copper alloy second tubing segment

Surface Treatment:

Paint all tubing segment outside surfaces

Thread Series Designator:

Unc second flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A073a0