

View Online at <https://aerobasegroup.com/nsn/5985-01-154-7479>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 third bend h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.017 inches all flanges and 1.023 inches all flanges

Flange Inside Height:

0.507 inches all flanges and 0.513 inches all flanges

Flange Outside Width:

1.672 inches all flanges and 1.702 inches all flanges

Flange Outside Height:

1.672 inches all flanges and 1.702 inches all flanges

Flange Depth:

0.485 inches all flanges and 0.515 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.30

Waveguide Outside Width:

Between 1.143 inches and 1.153 inches

Waveguide Inside Width:

Between 1.017 inches and 1.023 inches

Waveguide Inside Height:

Between 0.510 inches and 0.513 inches

Waveguide Outside Height:

Between 0.633 inches and 0.643 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

3.000 inches

Flange Style:

Cover type all flanges

Waveguide Second Leg Length:

9.940 inches

Waveguide Third Leg Length:

2.300 inches

Waveguide Fourth Leg Length:

6.090 inches

Special Features:

Max alt 50000.0 ft; m 54.0 to p 85.0 degrees c tempo

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Three bend type

Specification Data:

82577-655085 government specification

Fsc Application Data:

Test station, radar

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0