

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