

View Online at <https://aerobasegroup.com/nsn/5985-00-559-3969>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.003 inches second flange and 1.006 inches second flange

**Flange Inside Height:**

0.504 inches second flange and 0.506 inches second flange

**Flange Outside Width:**

2.500 inches first flange

**Flange Outside Height:**

1.750 inches first flange

**Flange Depth:**

0.656 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches all flanges single connection facility and 0.172 inches all flanges single connection facility

**Voltage Standing Wave Ratio:**

1.07

**Insertion Loss In Decibels:**

0.03

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.996 inches and 1.004 inches

**Waveguide Inside Width:**

Between 0.896 inches and 0.904 inches

**Waveguide Inside Height:**

Between 0.396 inches and 0.404 inches

**Waveguide Outside Height:**

Between 0.496 inches and 0.504 inches

**Waveguide Longer Offset Distance:**

1.500 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange single connection facility

**Flange Style:**

Contact type second flange

**Waveguide Offset Distance:**

4.188 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy single tubing segment

**Surface Treatment:**

Oxide film all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0