

View Online at <https://aerobasegroup.com/nsn/5985-01-042-2445>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.15

**Insertion Loss In Decibels:**

0.18

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**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 23.620 inches and 23.660 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges single connection facility

**Waveguide Offset Distance:**

Between 8.390 inches and 8.430 inches

**Flexibility:**

Rigid first tubing segment

**Material:**

Aluminum alloy 6061 first tubing segment

**Style Designator:**

Bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0