

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4951>

**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:**

0.854 inches all flanges and 0.856 inches all flanges

**Flange Inside Height:**

0.479 inches all flanges and 0.481 inches all flanges

**Flange Outside Width:**

1.485 inches all flanges and 1.515 inches all flanges

**Flange Outside Height:**

1.485 inches all flanges and 1.515 inches all flanges

**Flange Depth:**

0.376 inches all flanges and 0.406 inches all flanges

**Flange Connecting Hole Diameter:**

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.847 inches and 0.853 inches

**Waveguide Inside Width:**

Between 0.747 inches and 0.753 inches

**Waveguide Inside Height:**

Between 0.372 inches and 0.378 inches

**Waveguide Outside Height:**

Between 0.472 inches and 0.478 inches

**Waveguide Longer Offset Distance:**

Between 5.909 inches and 5.969 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Offset Distance:**

1.000 inches

**Special Features:**

Flange faces 63.0 in. Microinch finish, free of coating

**Flexibility:**

Rigid all tubing segment

**Material:**

Metal all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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