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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Null-point seam single tubing segment

**Tubing Twist Type:**

Straight twist single tubing segment

**Tubing Twist Angle In Deg:**

67.5 single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

3.002 inches first flange and 3.005 inches first flange

**Flange Inside Height:**

1.502 inches first flange and 1.505 inches first flange

**Flange Outside Diameter:**

5.298 inches first flange and 5.328 inches first flange

**Flange Depth:**

0.735 inches first flange and 0.765 inches first flange

**Flange Connecting Hole Diameter:**

0.257 inches first flange all connection facilities and 0.260 inches first flange all connection facilities

**Voltage Standing Wave Ratio:**

1.06

**Insertion Loss In Decibels:**

0.06

**Waveguide Outside Width:**

Between 2.994 inches and 3.006 inches

**Waveguide Inside Width:**

Between 2.834 inches and 2.846 inches

**Waveguide Inside Height:**

Between 1.334 inches and 1.346 inches

**Waveguide Outside Height:**

Between 1.494 inches and 1.506 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type first flange

**Waveguide Length:**

38.750 inches

**Waveguide Center To Center Distance:**

18.750 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy all flange

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Chromate all flange outside surfaces and primer all flange outside surfaces and paint all flange outside surfaces

**Style Designator:**

Offset 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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