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**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:**

1

**Flange Inside Width:**

1.253 inches single flange and 1.256 inches single flange

**Flange Inside Height:**

0.628 inches single flange and 0.631 inches single flange

**Flange Outside Width:**

1.860 inches single flange and 1.890 inches single flange

**Flange Outside Height:**

1.860 inches single flange and 1.890 inches single flange

**Flange Depth:**

0.423 inches single flange and 0.453 inches single flange

**Flange Connecting Hole Diameter:**

0.169 inches single flange single connection facility

**Voltage Standing Wave Ratio:**

1.25

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

2.197 inches

**Adapter Height:**

1.875 inches

**Waveguide Outside Width:**

Between 1.494 inches and 1.504 inches

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole single flange single connection facility

**Flange Style:**

Cover type single flange

**Adapterheight:**

3.187 inches

**Adapterwidth:**

1.875 inches

**Material:**

Copper single tubing segment

**Surface Treatment:**

Any acceptable single tubing segment inside surfaces

**Style Designator:**

Waveguide to coaxial

**Specification Data:**

81349-mil-a-22641/16 government specification

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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