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Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Convolute single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches all flanges and 1.006 inches all flanges

Flange Inside Height:

0.503 inches all flanges and 0.506 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

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:

1.10

Insertion Loss In Decibels:

0.05

Maximum Operating Pressure:

45.0 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

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges single connection facility

Flange Style:

Cover type all flanges

Waveguide Length:

6.000 inches

Flexibility:

Flexible single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Any acceptable single tubing segment outside surfaces

Style Designator:

Straight type

Specification Data:

81349-mil-w-287/4 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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