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Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 second bend h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Tubing Twist Type:

Straight twist single tubing segment

Tubing Twist Angle In Deg:

45.0 single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches second flange and 1.006 inches second flange

Flange Inside Height:

0.503 inches second flange and 0.506 inches second flange

Flange Outside Width:

1.610 inches second flange and 1.640 inches second flange

Flange Outside Height:

1.610 inches second flange and 1.640 inches second flange

Flange Depth:

0.423 inches second flange and 0.453 inches second flange

Flange Connecting Hole Diameter:

0.171 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

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

Waveguide Longer Offset Distance:

3.670 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole first flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

2.015 inches

Flexibility:

Rigid single tubing segment

Material:

Copper all tubing segment and flange

Surface Treatment:

Any acceptable all tubing segment and flange inside surfaces

Style Designator:

Corner type

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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