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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 all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.899 inches all flanges and 0.901 inches all flanges

Flange Outside Width:

1.620 inches all flanges

Flange Outside Height:

1.620 inches all flanges

Flange Depth:

0.440 inches all flanges

Flange Connecting Hole Diameter:

0.170 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.05

Waveguide Outside Width:

Between 0.997 inches and 1.003 inches

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

Waveguide Inside Height:

Between 0.397 inches and 0.403 inches

Waveguide Outside Height:

Between 0.497 inches and 0.503 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Waveguide Center To Center Distance:

2.062 inches

Waveguide Height:

1.342 inches

Special Features:

Do not paint flange faces

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces and primer all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

Style Designator:

Double 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

Fig:

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