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Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.368 inches all flanges and 1.376 inches all flanges

Flange Inside Height:

0.618 inches all flanges and 0.626 inches all flanges

Flange Outside Width:

2.670 inches all flanges and 2.710 inches all flanges

Flange Outside Height:

1.920 inches all flanges and 1.960 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Flange Connecting Hole Diameter:

0.196 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.05

Maximum Operating Pressure:

1.000 kilograms per square centimeter gage

Waveguide Outside Width:

Between 1.496 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:

8 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

3.040 inches

Flange Style:

Contact type all flanges

Waveguide Second Leg Length:

12.060 inches

Waveguide Third Leg Length:

5.000 inches

Waveguide Fourth Leg Length:

1.100 inches

Special Features:

7.900 to 8.400 ghz; do not paint flange faces

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Enamel all tubing segment and flange outside surfaces

Style Designator:

Three 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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